What is your biggest challenge with data visualization?

HELLO
my name is

backspace

Data Visualization for Advocacy

Microsoft
Windows 95

Our Computer
(C)
Basement Cam
Never Click This
I Am Your Friend
Network Neighborhood
Total Control Panel
Blood Art
Solitaire
Magic
Recycle Bin
System
Bible - Unknown Language
Muffled Screams

Programs
Documents
Settings
Find
Help
Run...
Shut Down...
Windows95
Start
Warning
There is nowhere you can run.
OK

Windows

A fatal exception 0E has occurred at 0F:PL34S3H3LPME. The current application will be terminated.

* Press any key to terminate the current application.
* Press CTRL+ALT+DEL again to restart your computer. You will lose any unsaved information in all applications.

Press any key to continue _

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Photographs by Nicholas D. Kristof/The New York Times

In Thane, India, left, Usha Bhagwani and her sons do not have enough money to pay for basic needs like food, shoes, schooling and kerosene to boil water. To save money, they often drink water that has not been boiled, and Mrs. Bhagwani has lost two other children as a result. In Phnom Penh, Cambodia, right, toilets are clustered along the Mekong River. Billions of people in the third world do not have access to toilets or even pit latrines.

In Third World's Impoverished Lands, Water Is a Deadly Drink

Continued From Page A1

man's waste by food or water or poor hygiene into the mouth of a neighbor. Some of those ailments are fatal, while others weaken people and entire nations.

The Carrier

Illnesses Delivered By Filthy Water

The burden of poor water and sanitation was evident in the frown on Sok Kheng's face as she sat in a hammock on the porch of her wooden hut beside a meandering dirt trail in the southwestern part of Cambodia. Mrs. Sok Kheng, a 36-year-old farm wife with a round face and hair tied back in a pony tail, was supporting her 3-year-old son, Thouch, who is physically and mentally retarded.

"He still can't walk, and he can't even sit on his own," Mrs. Sok Kheng said. "He isn't talking at all, either."

Thouch will probably not recover. In November his mother took him to a doctor, who said the boy was severely malnourished, apparently because of worms or chronic diarrhea.

The culprit is probably the drinking water, which Mrs. Sok Kheng gets from a pond 50 feet from her house. The villagers bathe in the pond, and cattle use it as well. Moreover, since there is no toilet the water is probably contaminated with human waste.

The doctor recommended giving Thouch cow's milk to supplement his diet, and so the family scrounged to buy a can of milk — at $1 pesos a can, more than twice what the boy's father earns for a day's work. A neighbor felt sorry for the child and gave them a few cans as well.

But the family has no concept of hygiene, and so the milk might do more harm than good. Because the milk is so precious, Mrs. Sok Kheng makes each can last as long as a month, even though she has no refrigerator to keep it cool in tropical temperatures.

"We put just a little bit of milk in a bottle and then add a lot of warm water," Mrs. Sok Kheng said. "One can lasts us five days."

Soon it was time to feed Thouch, and Mrs. Sok Kheng's eldest child, a 14-year-old boy, poured a lot of milk and a lot of pond water into an unsterilized bottle. With their unwashed hands, Mrs. Sok Kheng and each of her three older children felt the bottle and the nipple to see if the temperature was right. Then they handed it to Thouch.

Mrs. Sok Kheng is in many ways representative of those living in the third world. Some 2.9 billion people — 60 percent of the population in the third world — have no access to a toilet, not even a decent pit latrine. The vast majority simply use a bush or a quiet piece of ground, and for them toilet paper is an unimaginable luxury. Most rely on leaves or a splash of water, and afterward few have the means and training to wash their hands thoroughly with soap and water.

Even if Mrs. Sok Kheng were to take her children to the district hospital, conditions would be no better. In middafternoon, the Phnom Srough District Hospital a couple of dozen miles away was nearly deserted — except for a few pigs rooting around the yard.

"There's normally a doctor here only in the mornings, from 7 A.M. to 11 A.M.," said Lee Lina, a young pharmacist who was rummaging through supplies. He said the hospital had no electricity, no running water, no food and almost no medicine.

There is an outhouse, but it is so decrepit and overgrown that patients and doctors just use the bushes nearby.

"We don't have a place to wash hands," Mr. Lee Lina said dolefully.

Does the local doctor wash his hands?

"Well," Mr. Lee Lina began awkwardly, and then he paused in embarrassment. "Well, it's hard to tell."

In some respects, sanitation in poor countries has worsened in the last few years. World Health Organization statistics show that in the first half of the 1990's the proportion of people in the third world with access to a toilet actually fell, from 36 percent to 34 percent.

But over all, sanitation conditions and water supplies have improved noticeably in the last few decades, and child death rates have fallen sharply. Packets of oral rehydration salts, popularized by Unicef and now widely available in rural areas of the third world, save the lives of countless children with diarrhea; improved water and the rehydration packets may together save the lives of more than a million children a year.

In particular, most countries are registering great progress in supplying potable water. In the first half of the 1990's, the proportion of people in the third world with access to safe drinking water rose from 61 percent to 73 percent.

"When you look at the last century, the greatest advance was not antibiotics," said Dr. Graham Ogle, an Australian with long experience as a physician in Papua New Guinea. "It was sanitation and the provision of clean water."

Dr. Ogle, who has just started running a hospital in Phnom Penh, the Cambodian capital, noted that dirty water causes diarrheal illnesses like gastroenteritis that are not normally life-threatening but that cumulatively wear a patient out.

"It's a vicious cycle," he said. "If you've got a kid who's a little bit malnourished, then he gets gastroenteritis, and he's more malnourished, and his immunity drops. Then he can get pneumonia or tuberculosis, and while you or I might shrug it off, here a kid can die of it."

Children are also weakened by worms, a common result of poor sanitation. Up to 60 percent of humanity has some kind of worms crawling in their bellies or under their skin. Sometimes those grow so numerous that they entirely block the intestines and cause death, but mostly they are simply painful, distracting and debilitating.

"You eat only so much food, and worms get some of that," Dr. Ogle said. "You get a bellyache, so you don't feel like going to school or going to work. And worms give you anemia, so you feel lethargic and are less likely to develop your skills and grow. And in young children, anemia affects cognitive development, and that's permanent. It can shift down the learning ability of your entire population."

The Conditions

Sanitation's Bane: Huge Urban Slums

The biggest slum in the world may be Dharavi, a vast shantytown in Bombay, where hundreds of thousands of people live in hovels connected by tiny meandering alleys. Sewage runs in the paths along with the rats.

"We give the kids sandals, but they don't wear them," grumbled Jaya Pardesi, a 25-year-old mother in Dharavi. Her three small children were running around barefoot on a dirt pathway that they and all the other children also use as a toilet, and her 3-year-old daughter was sucking her filthy finger.

These urban slums present a sanitation nightmare. The challenge is increasing, because urbanization is a trend everywhere in the third world, from Brazil to Zambia. Villagers trek to cities and set up shacks on any bit of deserted ground, in places where there is no water and no toilet.

On the Bassac River just outside Phnom Penh is one of the most wretched slums in the world, a putrid slope of mud and excrement that is home to tens of thousands of people packed in rickety shacks on the bank of the river.

There are latrines of a sort, for entrepreneurs have set up little platforms over the water. These are open toilets where men and women squat behind half-barrels, a determined nonchalance substituting for privacy, as the toilet owners make money by raising fish on the sewage in fenced-off waters below the toilet platform.

The fish may not sound appetizing, but the worst problem is that the slow river is used by the slum not only as its toilet, but also as its source of drinking water.

Preung Sry, a round-faced 27-year-old mother of three, uses buckets of river water for washing vegetables, for bathing her children and for drinking. She says she normally boils the water before drinking it, but her 6-year-old son died a few years ago after a bad case of diarrhea and her three other children also regularly get diarrhea.

Mrs. Preung Sry says she went to school for a total of six months, and she is too lethargic — or anemic — to put any emphasis on hygiene. Soap is not such a problem, for it is relatively inexpensive, the greater challenge is a recognition of the importance of hand-washing, and clean water to go with the soap. In Mrs. Preung Sry's case, the only water available for washing hands is the black liquid taken from between the toilets in the river.

"I sometimes wash my hands before making food, and my kids sometimes wash their hands before eating and sometimes don't," she said. "My husband and I use the toilet over the river, and the kids just go down below the house. My kids are lazy — they don't wash their hands afterward."

The Strategies

Approaches Aimed At Cleaner Living

However grim conditions sometimes seem to be today, the progress of the last few decades is striking. The record in a variety of countries is also important because it suggests that while there is no single magic bullet available, there are a myriad of approaches that help control sanitation-related diseases.

Many development economists now emphasize the importance of operating back-like institutions that offer credit to poor people in third-world cities and villages, so they can start small businesses and generate some cash. The idea is that with a bit of money, people will be able to help themselves by building covered wells, buying mosquito nets and visiting doctors when necessary.

Likewise, there is no doubt that one way for governments to save lives is to supply water to poor areas — not just clean water, but lots of it, even if it means charging for water to pay for the service. One of the most persistent reasons for poor hygiene is simply that there is almost no water to wash with in many parts of Africa, India and China. Hand-washing after defecation can seem like a luxury when the water must be lugged from a creek two hours away.

India has cut diarrhea-related deaths by providing many villages with covered wells, often with chlorinated water. Bolivia managed to cut diarrhea among children by showing poor people how to disinfect water and then keep it at home in narrow-necked jugs with corks.

While they have done poorly over all in improving the lives of their people, Communist governments in some countries have done very well in promoting community health projects that emphasize sanitation, water supply, immunization and basic health care. Cuba has achieved a life expectancy — an average of 76 years — that is about the same as that of the United States. And in Shanghai, China's largest city, there are no India-style slums and a newborn baby can also expect to live 76 years, two years longer than a baby born in New York City.

China achieved its progress in part through coercive steps, like barring peasant families from moving to the cities and forcing peasants to work on community health projects. But Cuba and China, along with many capitalist countries, have also achieved public-health gains by promoting basic education.

"Everything runs into everything else," said John Chalmer, who has spent most of the last two decades in Africa and is now the Tanzania representative for Plan International, the child sponsorship organization known in America as Childreach. "Sanitation runs into health. And health runs into income levels."

"But I would argue that education is perhaps the most important," Mr. Chalmer continued. "If you educate a girl in basic literacy and health, then when she becomes a mother, she is going to be able to better care for her children."

Education is important in part because sending girls to school is one of the best ways of reducing the number of children they will have — and improving the health of the children that they do have. Beyond that, people with schooling tend to understand better the dangers that they cannot see, like germs, and consequently tend to allocate their limited savings in a different way.

Saidi Simba, a congenial 34-year-old Tanzanian farmer who never went to a day of school, underscores how uneducated parents inadvertently cost the lives of those they love the most. Mr. Simba, a lean man with an oval face, faint mustache and warm smile, has had 26 children by his two wives. Six of the children have died.

Mr. Simba lives on a winding dirt street in a shantytown in Dar es Salaam, the Tanzanian capital. The shanties are built on marshy ground, so sewage often floods or leaches into the wells, and most families know enough to use well water only for washing.

Not Mr. Simba. Teen-age boys sell drinking water on the streets for 20 cents for a huge jug, but he refuses to spend most of his earnings on water when it is available free from a well. He could boil the water, but then he would have to pay large sums for kerosene or firewood.

While Mr. Simba is poor, at bottom it is a question of priorities and education. Mr. Simba did once spend $5 on a watch, and a few dollars more on an old ring. When his children do get sick, he is willing to spend what to him is a fortune to save them. But, again because of his lack of education, the money is wasted.

The most recent child in the family to fall seriously ill was Tatu, Mr. Simba's 15-month-old daughter, who in September began to come down with severe diarrhea and fever. Mr. Simba took her to the local traditional healer and without question handed over the huge sum of $10, along with a chicken, and $6 worth of cloth used for the magic.

The healer put Tatu under the bed and had her mother squat on top of it and urinate, drenching the child. Then the healer burned elephant dung and had the child breathe the fumes.

"Usually it helps," Mr. Simba said dejectedly. But not this time, for Tatu died. Mr. Simba aches at the loss of a sixth child, yet he continues to offer his family the same water.

"We don't like to drink water from the wells," Mr. Simba said soberly. "But if we don't have any other water, we'll drink it."

A CLOSER LOOK

Death by Water

A huge range of diseases and parasites infect people because of contaminated water and food, and poor personal and domestic hygiene. Millions die, most of them children. Here are some of the deadliest water-related disorders.

DISORDER	ESTIMATED DEATHS PER YEAR	
DIARRHEA	3,100,000	*Diarrhea is itself not a disease but is a symptom of an underlying problem, usually the result of ingesting contaminated food or water. In children, diarrhea can cause severe, and potentially fatal, dehydration.*
SCHISTOSOMIASIS	200,000	*A parasitic disease caused by any of three species of flukes called schistosomes and acquired from bathing in infested lakes and rivers. The infestation causes bleeding, ulceration, and fibrosis (scar tissue formation) in the bladder, intestinal walls and liver.*
TRYPANOSOMIASIS	130,000	*A disease caused by protozoan (single-celled) parasites known as trypanosomes. In Africa, trypanosomes are spread by the tsetse fly and cause sleeping sickness. After infection, the parasite multiplies and spreads to the bloodstream, lymph nodes, heart and, eventually, the brain.*
INTESTINAL HELMINTH INFECTIONS	100,000	*An infestation by any species of parasitic worm. Worms are acquired by eating contaminated meat, by contact with soil or water containing worm larvae or from soil contaminated by infected feces.*

Sources: World Health Organization, American Medical Association Encyclopedia of Medicine.

Groups That Help Those Who Fall Ill

Readers have asked how to help victims of malaria, diarrhea and other illnesses common in areas with poor sanitation and hygiene. Many organizations are active in combating these problems, including these:

Africare, 440 R Street N.W., Washington, D.C. 20001.

CARE, 151 Ellis Street, Atlanta, Ga. 30303.

Childreach, 155 Plan Way, Warwick, R.I. 02886.

Interaction (an umbrella organization for about 150 groups working around the world), 1717 Massachusetts Avenue N.W., Washington, D.C. 20036.

International Rescue Committee, 122 East 42d Street, New York, N.Y. 10017.

Save the Children, 54 Wilton Road, Westport, Conn. 06880.

World Vision, 919 West Huntington Drive, Monrovia, Calif. 91016.

Precautions for Those Who Travel in Risky Areas

By BETSY WADE

Travel in the tropics involves many hazards not found in the temperate zones, and they cannot always be avoided.

The best way to fight malaria is to avoid being bitten by a mosquito in an area where malaria is transmitted, especially at night, when these varieties are active. Staying covered up is a wise precaution. Repellants containing Deet at a concentration of 30 to 35 percent are recommended by the Centers for Disease Control and Prevention, as well as spraying of sleeping quarters with flying-insect spray.

In rooms that are not well screened or air-conditioned, use of a bed net is recommended, preferably one sprayed with permethrin, an insecticide usually sold under the brand name Permanone. Clothes can also be soaked in this liquid.

In addition, travelers planning to go to malaria areas should visit a travel-health clinic or tropical-medicine specialist well in advance to get guidance and a prescription on what antimalarial drugs to take. The decision is based on the patient, because a traveler may be taking medicines that are incompatible with certain drugs, and on the areas to be visited.

The issue of what is prescribed is a subject of debate because some malaria strains have become resistant to chloroquin, and some doctors have questioned the safety of certain drugs.

In its book "Health Information for International Travel," the Centers for Disease Control cautions that despite all efforts, a traveler may get malaria and should be aware of the symptoms so as to seek help promptly. All malaria deaths are avoidable, the Government agency says, if the disease is treated in time.

If a traveler fears diarrhea and does not wish to drink the water in the place visited, the water should not be used to brush the teeth and a traveler should keep the mouth closed in the shower. Ice should not be used in drinks. Boiling drinking water vigorously for a minute will take care of most problems; a pinch of salt will restore some taste.

The C.D.C. maintains a telephone line with advice on malaria and water. It provides information through a recording or on a fax transmission. The number is (404) 332-4559. The book "Health Information for International Travel" is for sale for $14 from the Superintendent of Documents in Washington, D.C. 20402.

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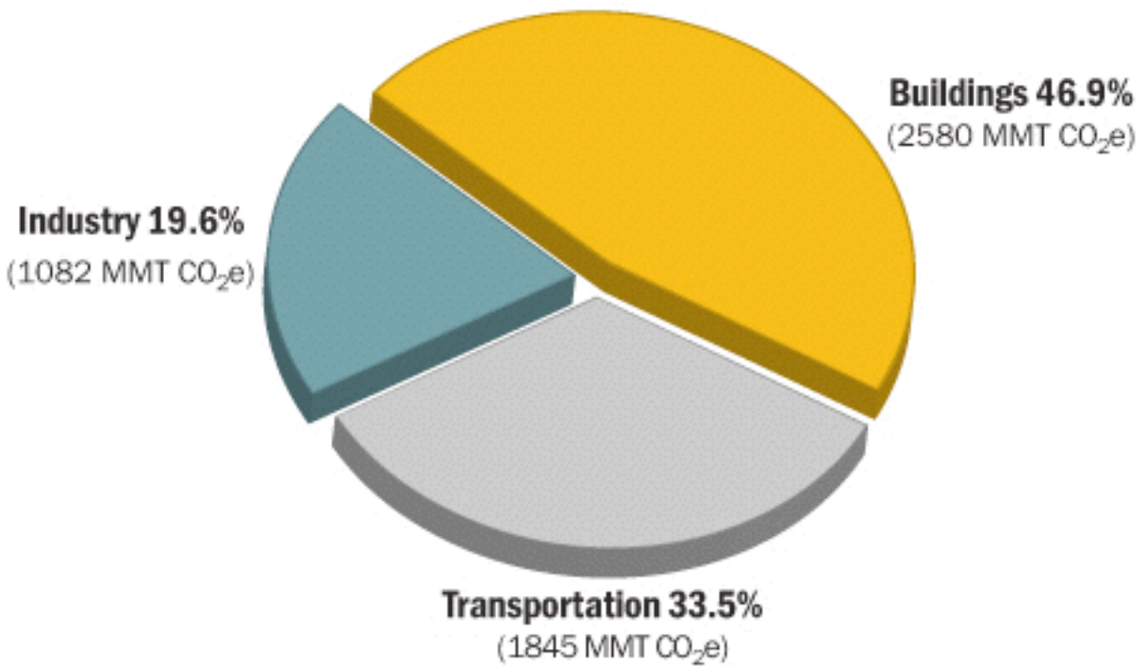
Architecture 2030:
Buildings and Climate Change



U.S. CO_2 Emissions by Sector

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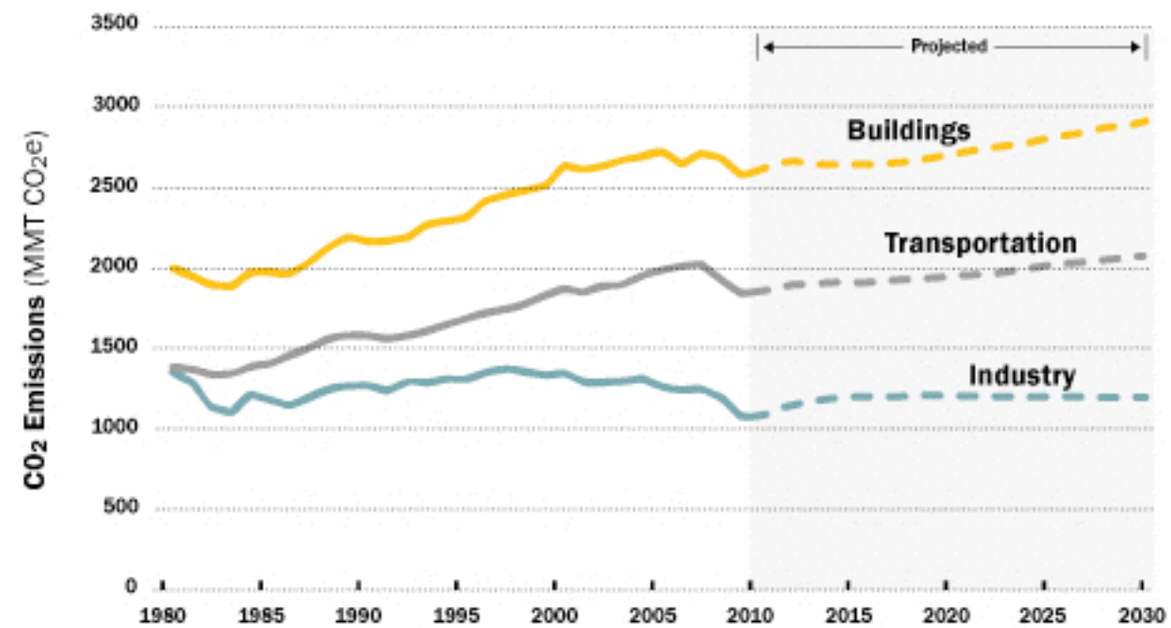
Data Source: U.S. Energy Information Administration (2009).



U.S. CO_2 Emissions by Sector (Historic / Projected)

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Data Source: U.S. Energy Information Administration.

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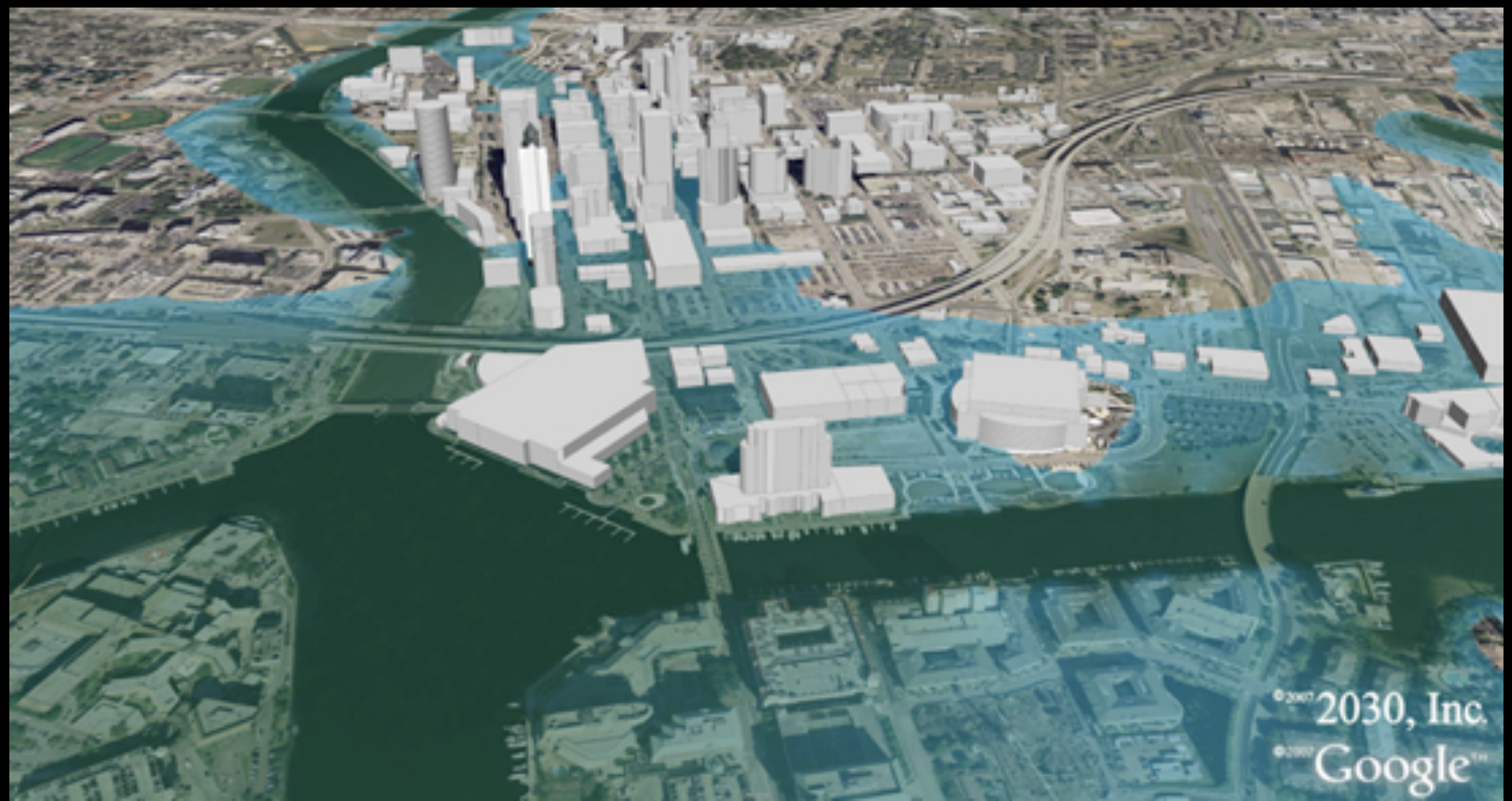
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JURYS
EASTERN ANTARCTIC AND GREENLAND ICE
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why?

exploration

narrative

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report	story
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Source: http://www.duarte.com/books/resonate/www

UNTHINKABLE

RADICAL

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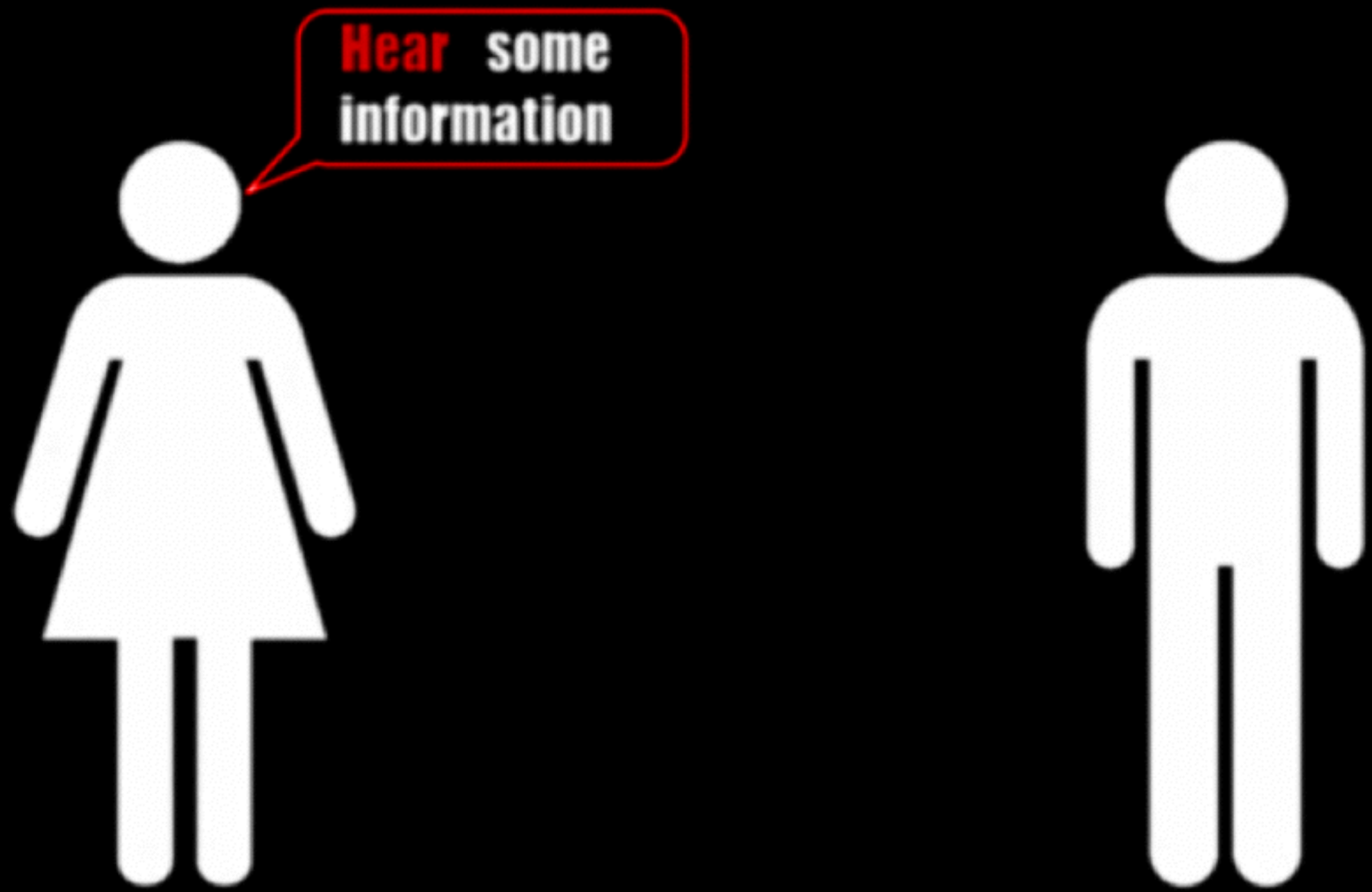
NORTH DAKOTA
KIDS NEED LIBRARIES
ALL SMILES AGREE!
VOTE for Libraries

Picture Superiority Effect



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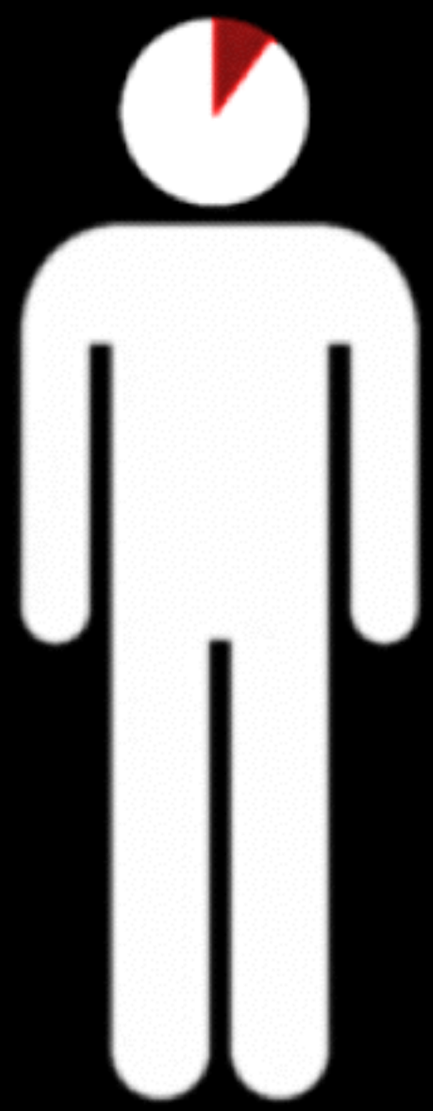

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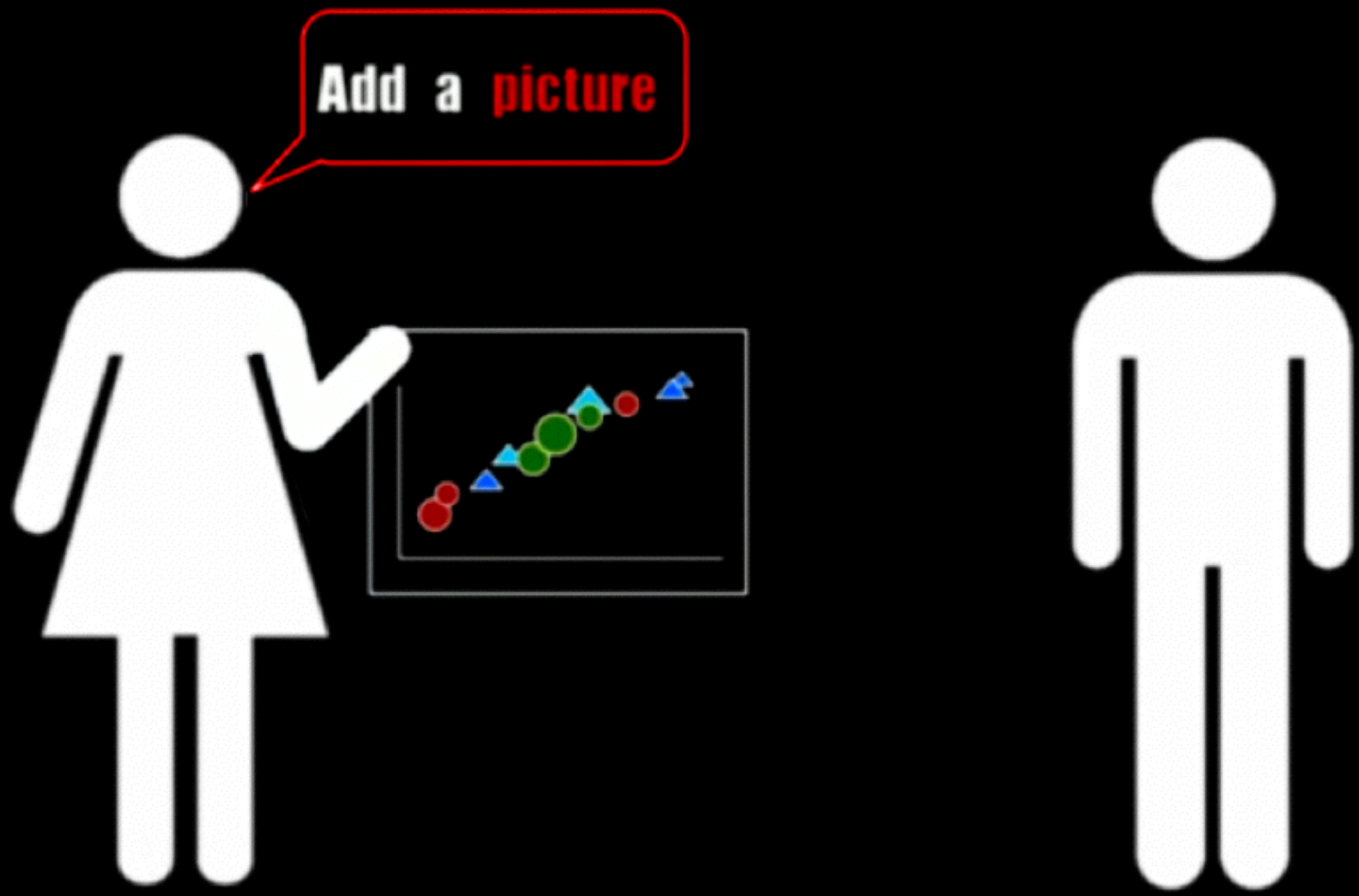

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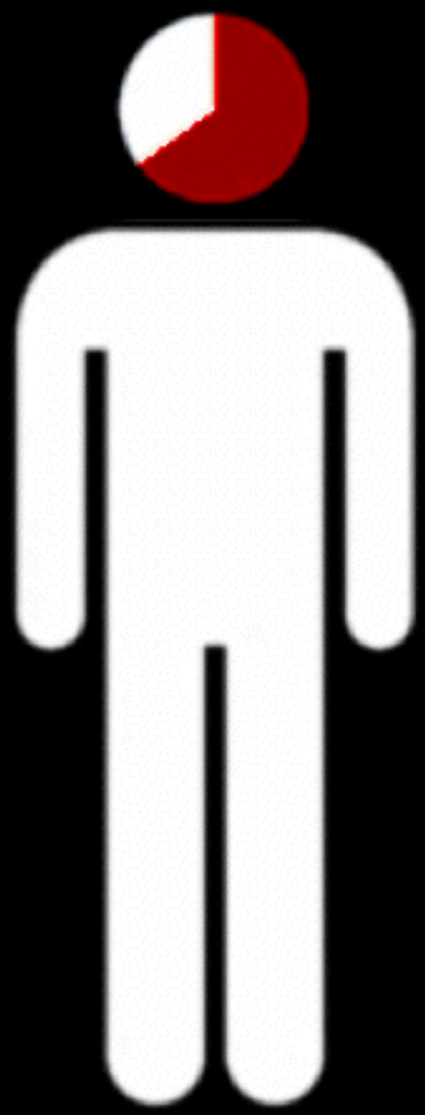

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metadata

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log out & save • log out & delete

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Take a snapshot
- with labels
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Feedback?
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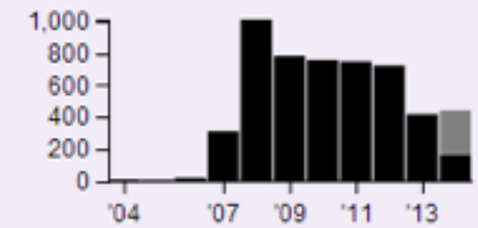
Dennis O'Reilly

189 collaborators
51,057 emails

My Stats | Top Collaborators

Emails Sent



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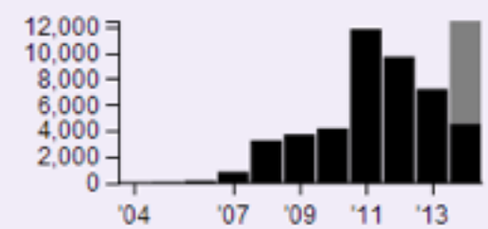

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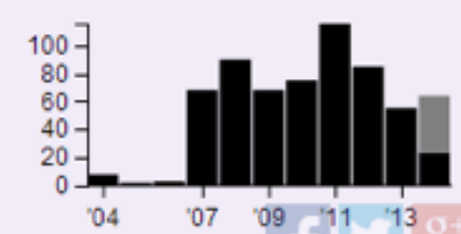

beyond interviews

patterns systems

Anscombe's Quartet

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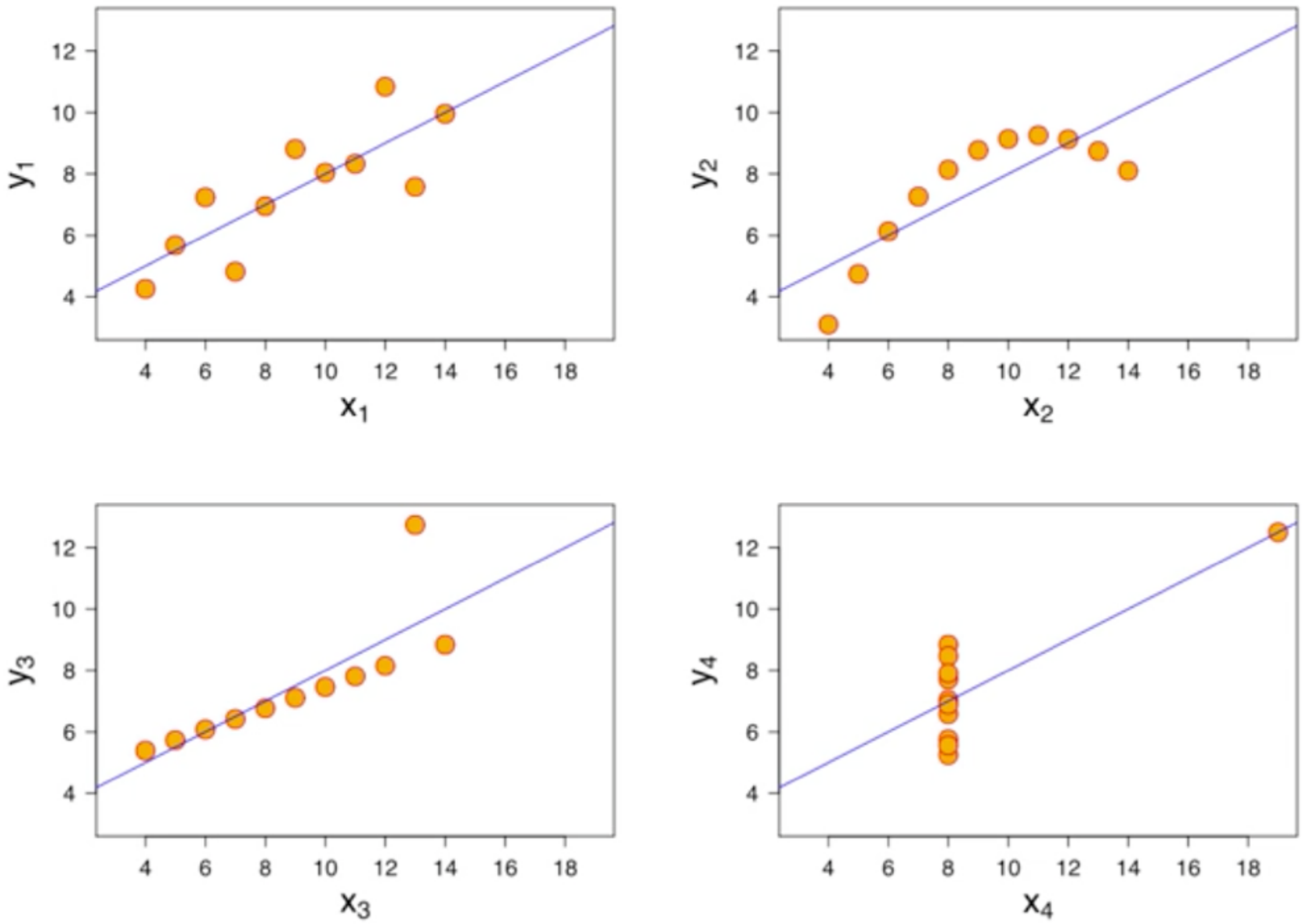
9.0	8.81	9.0	8.77	9.0	7.11	8.0	8.84
11.0	8.33	11.0	9.26	11.0	7.81	8.0	8.47
14.0	9.96	14.0	8.10	14.0	8.84	8.0	7.04
6.0	7.24	6.0	6.13	6.0	6.08	8.0	5.25
4.0	4.26	4.0	3.10	4.0	5.39	19.0	12.50
12.0	10.84	12.0	9.13	12.0	8.15	8.0	5.56
7.0	4.82	7.0	7.26	7.0	6.42	8.0	7.91
5.0	5.68	5.0	4.74	5.0	5.73	8.0	6.89

Property	Value
Mean of x in each case	9 (exact)
Sample variance of x in each case	11 (exact)
Mean of y in each case	7.50 (to 2 decimal places)
Sample variance of y in each case	4.122 or 4.127 (to 3 decimal places)
Correlation between x and y in each case	0.816 (to 3 decimal places)
Linear regression line in each case	$y = 3.00 + 0.500x$ (to 2 and 3 decimal places, respectively)


y1
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4 6 8 10 12

understand

action

advocacy?

change

advocacy
analysis
collaboration

advocacy

REGENT STREET
OXFORD STREET
REGENT CIRCUS
D STREET
INCES STREET
HANOVER STREET
POLLEN ST.
MASONS ARMS YARD
MADDOX STREET
MILL STREET
MILL ST
OLD BURLINGTON MEWS
NEW BURLINGTON STREET
BOYLE ST.
COACH & HORSES YARD
OLD BURLINGTON STREET
CLIFFORD STREET
CORK STREET
CORK ST
BURLINGTON STREET
SAVILLE ROW
ARGYLL STREET
LITTLE ARGYLL ST
ARGYLL PLACE
GREEN DRAGON YARD
LITTLE MARLBOROUGH ST
TYLER STREET
FOUBERTS PL.
KING STREET
QUEEN STREET
MARLBOROUGH MEWS
PUMP
BLENHEIM MEWS
BLENHEIM STREET
GREAT MARLBOROUGH STREET
POLAND STREET
WORK HOUSE
TYLER COURT
MARSHALL ST.
WEST STREET
CARNABY
CROSS ST
CROSS STREET
MARSHALL STREET
SOUTH ROW
MARLBOROUGH ROW
DUFOURS PLACE
BROAD STREET
CAMBRIDGE ST
NOEL STREET
BERWICK STREET
PORTLAND STREET
PORTLAND MEWS
BENTINCK STREET
HARDOUR MEWS
WARDOUR STREET
HOLLEN STREET
CHAPEL ST.
PTITCHFIELD ST
CROWN COURT
LITTLE CHAPEL STREET
CARSLISLE STREET
SOHO SQUARE
SUTTON STR
DEAN STREET
ST ANNS COURT
RICHMOND BUILDINGS
BREWERY YARD
RICHMOND MEWS
EDWARD STREET
DUCK LANE
HAM SQUARE
BREWER STREET
BREWERY
HOPKINS STREET
COACH YARD
NEW STREET
FULWOOD PL
HUSBAND ST
WILLIAM AND MARY YARD
LITTLE WINDMILL STREET
GREAT PULTENEY STREET
BRIDLE STREET
PETER STREET
WALKERS COURT
PULTENEY COURT
GREENS COURT
LITTLE PULTENEY STREET
GREAT CROWN ST
UP RUPERT ST
MEARDS STREET
MEARDS COURT
OLD COMPTON STREET
CHURCH ST
KING ST
MACCLESFIELD ST
GEORGE YD
GERRARD ST
QUEEN STREET
FRITH STREET
BATEMANS BUILDINGS
CREEK STREET
LISLE STREET
LEICESTER STREET
SIDNEY ALLEY
N COVENTRY
PRINCES STREET
KINGSTREET
RICHMOND ST
ARCHER STREET
PLOUGH YARD
RUPERT STREET
TAYLOR SQUARE
CATHERINE WHEEL YARD
PARTON SQUARE
ARUNDEL ST.
GREAT WINDMILL STREET
HAM YARD
BULL YARD
SMITHS YARD
SMITHS COURT
WELLINGTON MEWS
ORCHARD PLACE
SHERRARD STREET
QUEEN STREET
ANGEL COURT
GOLDEN SQUARE
LOW JAMES ST.
LOWER JOHN STR
FRANCIS ST
GOLDEN PL.
WEST HAM YARD
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LEICESTER ST.
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UP JAMES ST
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COCK CT.
PULTENEY CT.
SOUTH ROW
MARLBOROUGH ROW
HUSBAND ST
LITTLE WINDMILL STREET
GREAT
WILLIAM

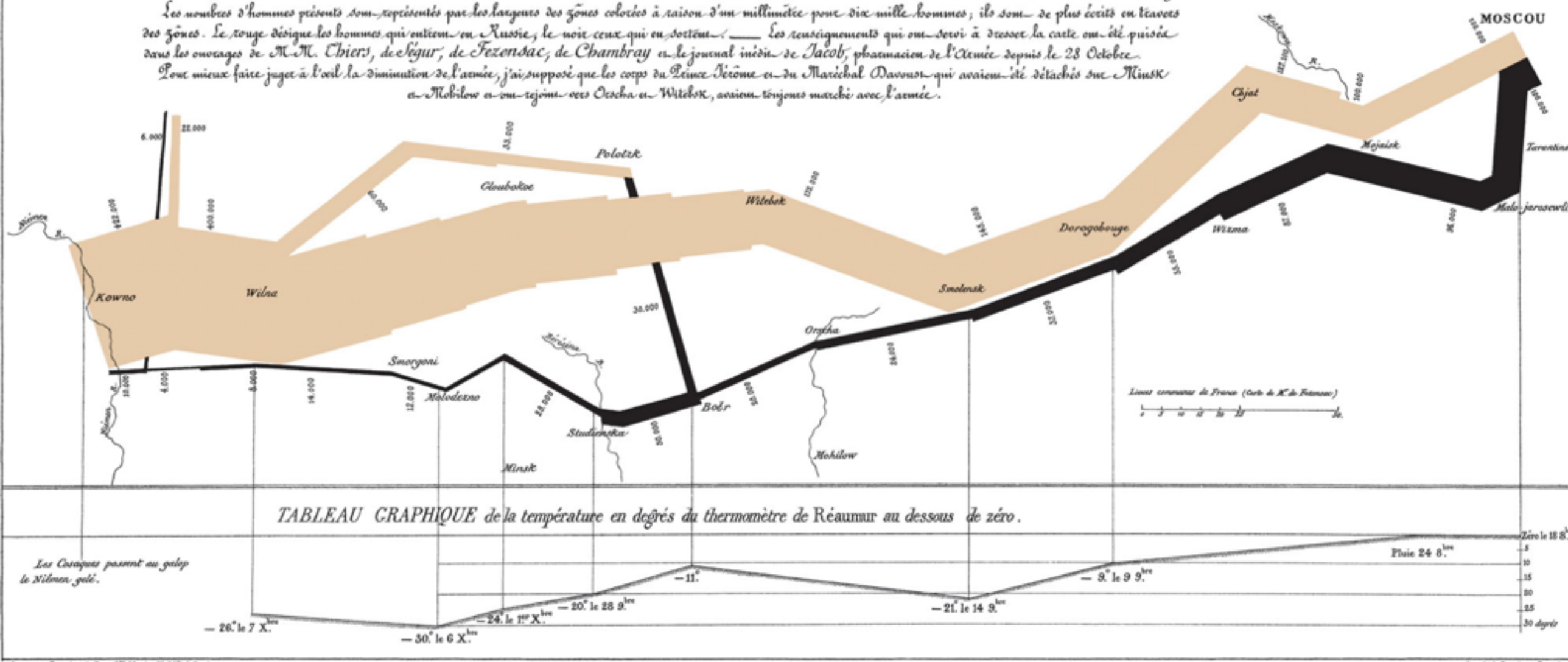
Carte Figurative des pertes successives en hommes de l'Armée Française dans la campagne de Russie 1812–1813.

Dressée par M. Minard, Inspecteur Général des Ponts et Chaussées en retraite.

Paris, le 20 Novembre 1869.

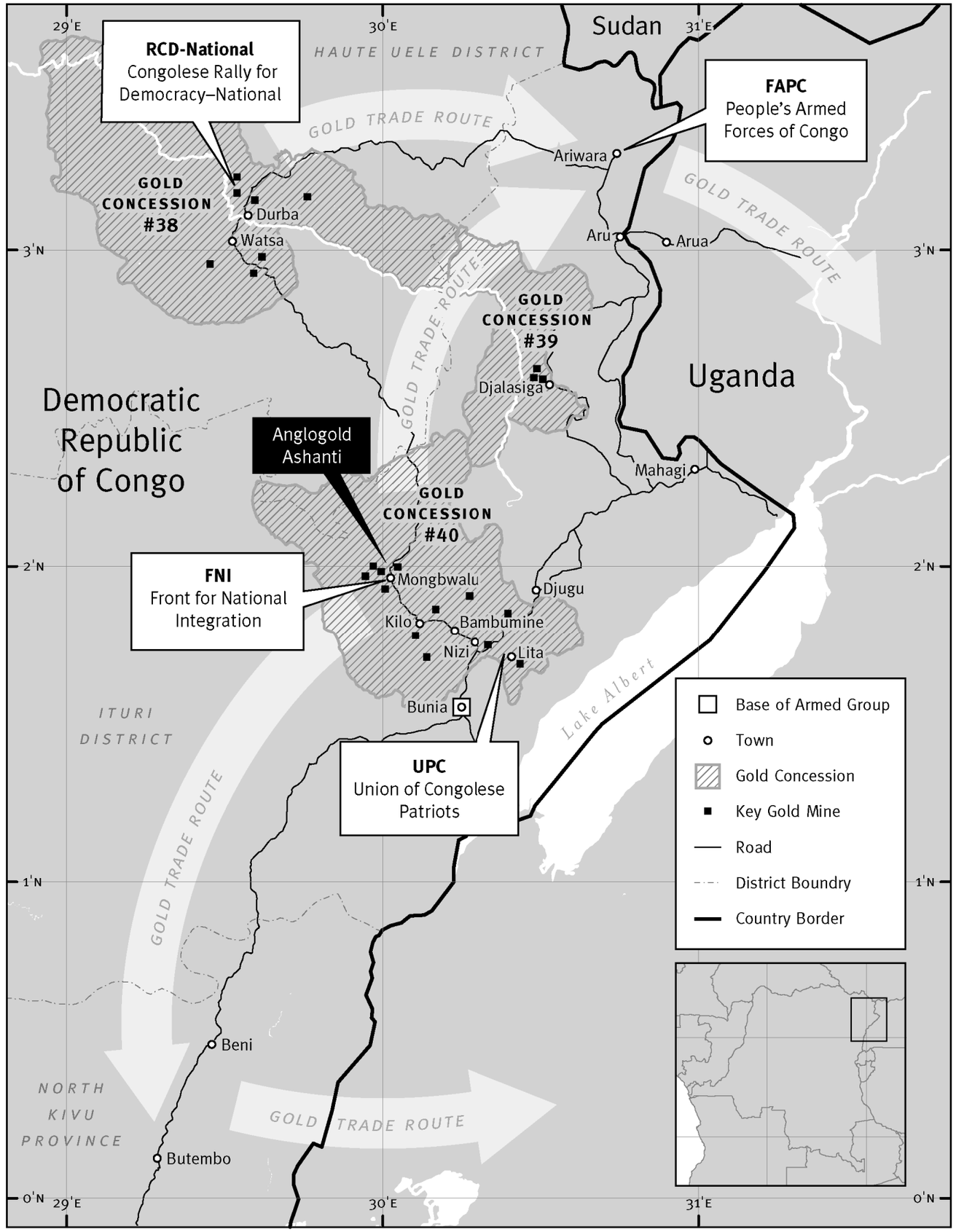
Les nombres d'hommes présents sont représentés par les largeurs des zônes colorées à raison d'un millimètre pour dix mille hommes; ils sont de plus écrits en travers des zônes. Le rouge désigne les hommes qui entrent en Russie, le noir ceux qui en sortent. —— Les renseignements qui ont servi à dresser la carte ont été puisés dans les ouvrages de M.M. Thiers, de Ségur, de Fezensac, de Chambray et le journal inédit de Jacob, pharmacien de l'Armée depuis le 28 Octobre.

Pour mieux faire juger à l'œil la diminution de l'armée, j'ai supposé que les corps du Prince Jérôme et du Maréchal Davoust qui avaient été détachés sur Minsk et Mohilow et ont rejoint vers Orscha et Witebsk, avaient toujours marché avec l'armée.



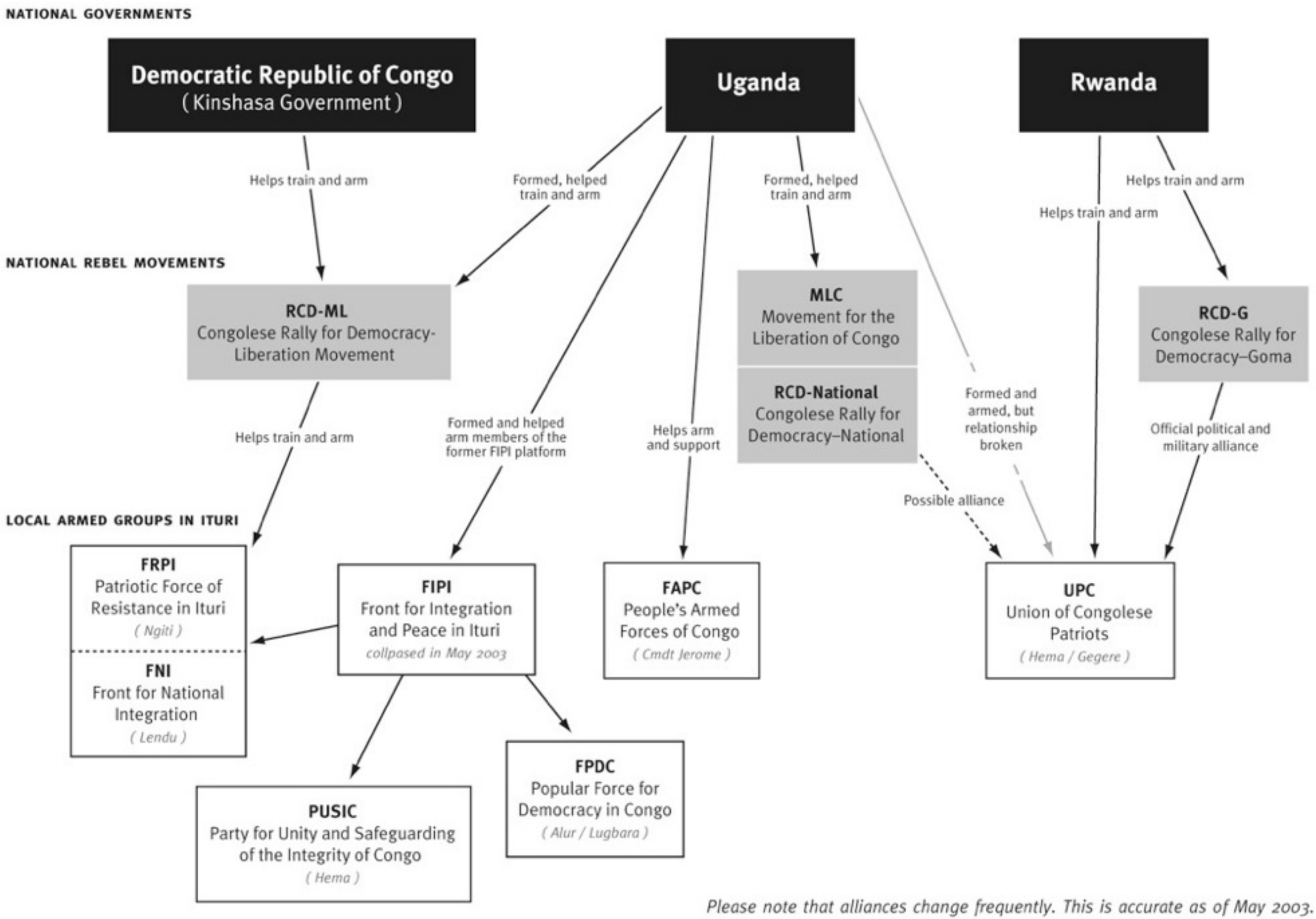
Autog. par Regnier, 8 Pas. St Marie St Gdm à Paris.

Imp. Lith. Regnier et Dourdet



Trade and Control of Gold in Northeastern DRC

Web of Alliances in Ituri



Please note that alliances change frequently. This is accurate as of May 2003.

KNOW YOUR RIGHTS

আপনার অধিকারকে জানুন। 懂得你的权力 اعرف حقوقك Conozca Sus Derechos

If you follow the rules, you have the RIGHT to vend on a public sidewalk. Store owners and security guards can't make you move.

আইনকে অনুসরণ করে রাস্তার পাশে আপনি ভেন্ডার ব্যবসা করতে পারেন। দোকানের মালিক বা সিকিউরিটি গার্ড আপনাকে সরাতে পারবে না।

如果你遵守规则，当你工作在公共人行道时，
店员和保安人员不能够让你离开。

اذا تمشي على القانون, من **حقك** ان تبيع على الرصيف العام.
ليس من حق ارباب المحلات والحرّاس ان يمشّك من مكانك.

Si usted sigue las reglas, usted tiene el DERECHO de vender en una acera. Los propietarios de tiendas o almacenes y los guardias de seguridad no le pueden hacer mover.

Police can't make you move, unless:

পুলিশও আপনাকে সরাতে পারবে না। যদি না,

在以下的几种情况下，警察有权力让你离开:

ليس من حق الشرطة ان يمشّك من مكانك **الا اذا**:

La policia no le puede mover, a menos que:

There is an emergency. (Fire!)

কোন ধরনের অগ্নিকান্ডের সূত্রপাত

在紧急情况下 (如火灾)

هناك حالة طارئة, حريق!

Haya una emergencia. (¡Un incendio!)

There is a big event. (Parade!)

বড় ধরনের প্যারেড

在有大型活动情况下（如游行）

هناك مناسبة كبيرة, مسيرة احتفاليّة!

Haya un acontecimiento grande. (¡Un desfile!)

If you get a ticket: তাহলে: 如果你得到罚单: اذا عطوك (الشرطة) تيكت: Si le ponen una multa:

Take a photo or video of your spot. You can use these in court.

কোর্টে ব্যবহার করার জন্য আপনার ভেন্ডরের জায়গার (স্পট) ছবি ও ভিডিও তুলে রাখুন।

尽量拍下照片或是录像，可以作为法庭的证据

خذ صورة او فيديو لمكانك والحدث لكي تستخدمهما في المحكمة.

Tome fotos o video de su lugar. Usted puede utilizar éstos en un tribunal.

Get names and badge numbers of the police.

জরিমানা প্রদানকারী (টিকেট দানকারী) পুলিশের বেজ নম্বর ও নাম লিখে রাখুন।

尽量记下警察的名子和警号。

سجّل اسم ورقم بادج الشرطي.

Consiga los nombres y números de insignia de la policía.

File a complaint if the police abuse your rights or are disrespectful.

পুলিশ যদি আপনার অধিকার ও মর্যাদাকে ক্ষুণ্ণ করে তাহলে তার বিরুদ্ধে অভিযোগ করুন।

如果警察侵犯你的权力或找你的麻烦，你有权力投诉他。

سجّل شكوة اذا الشرطة انتهكوا حقوقك او تعاملوا معك بعدم احترام.

Haga una queja formal si la policia abusa sus derechos o le trata con una falta de respeto.

Show up in court. If you don't, you'll be fined more.

কোর্টে হাজিরা দেন। হাজিরা না দিলে, আপনার উপর বেশী জরিমানা করা হতে পারে।

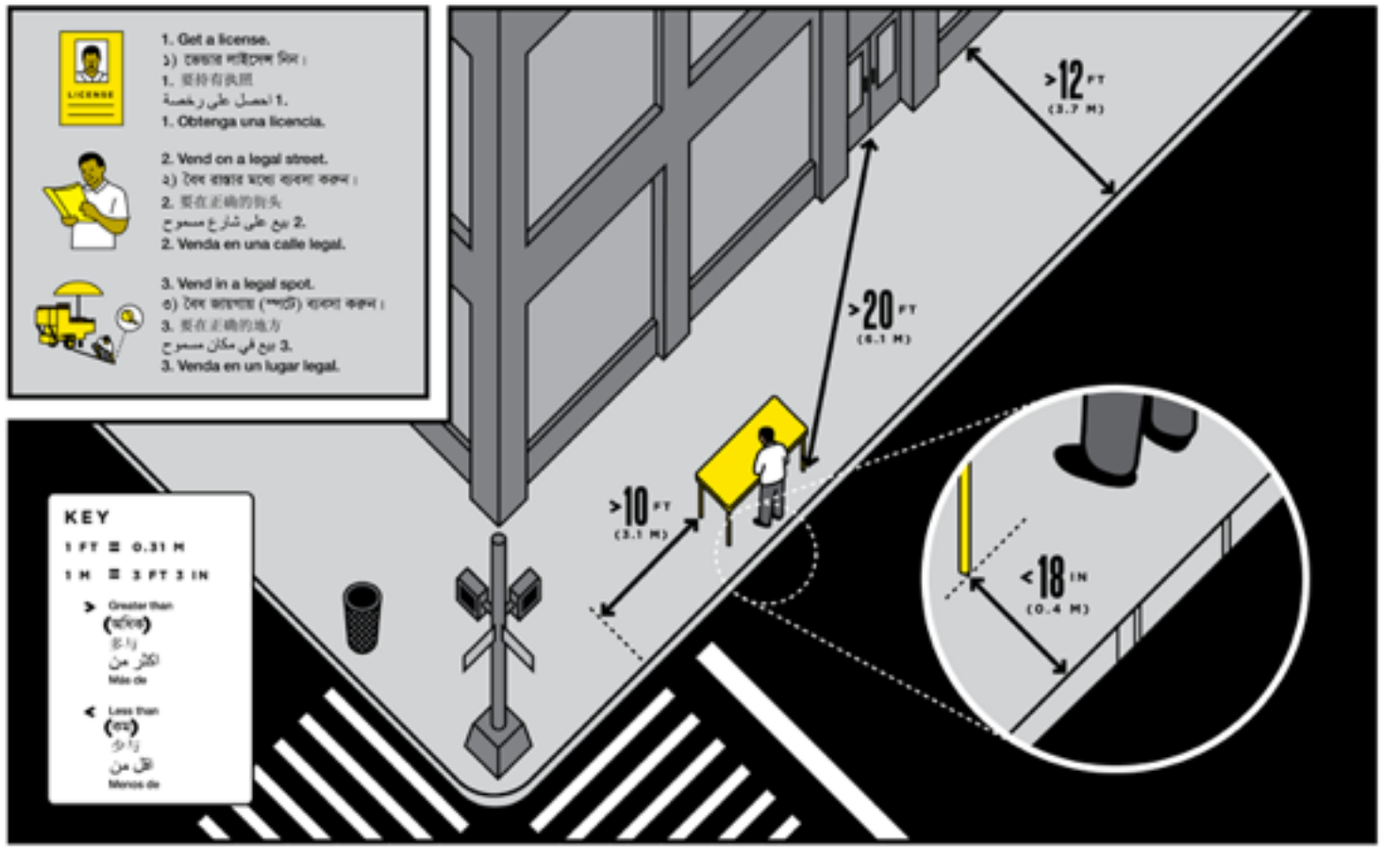
一定要准时出庭。如果没有到庭，你将会被加重罚款。

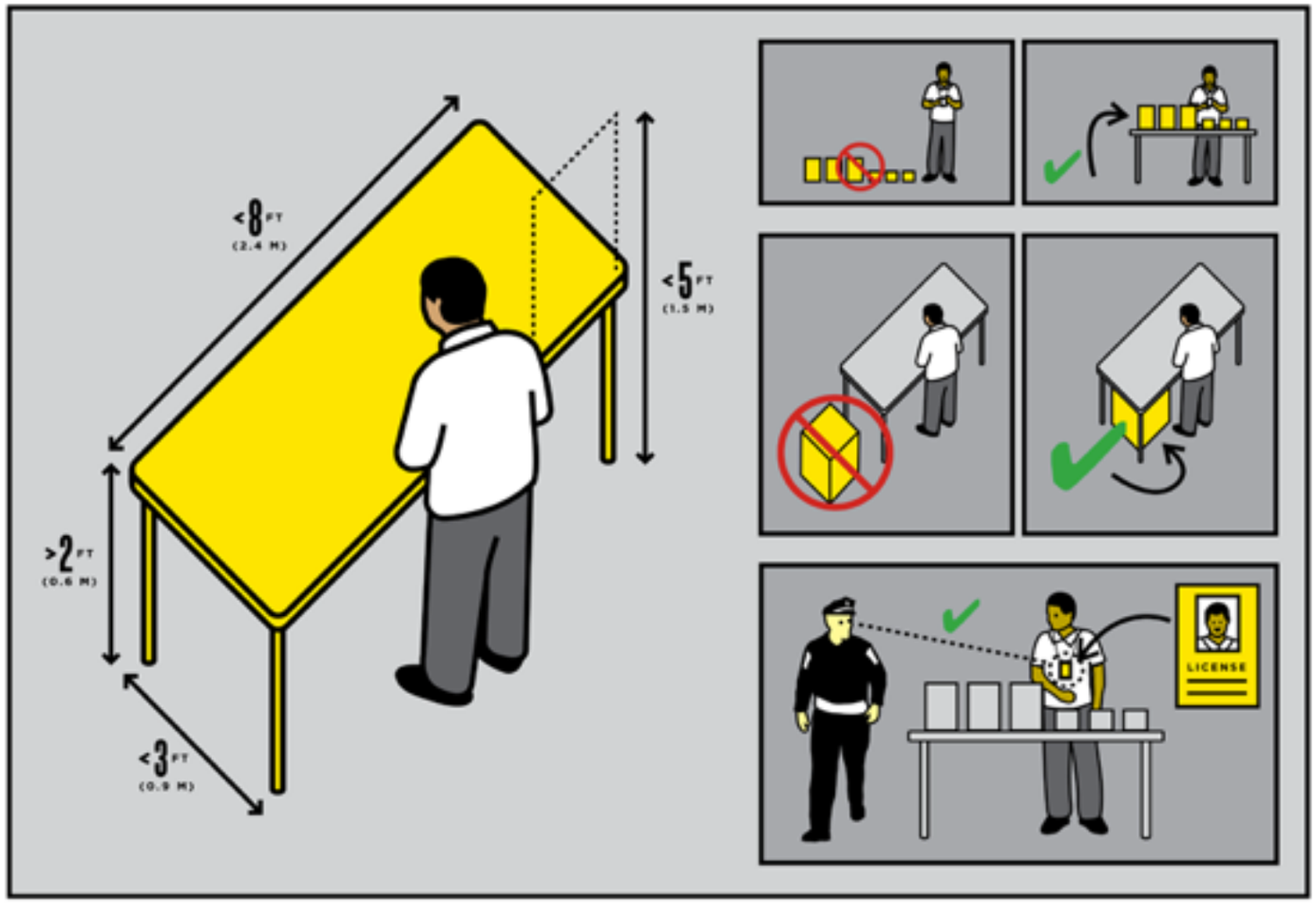
احظر الى المحكمة. اذا لا تحظر, سيغرمونك اكثر.

Aparezca en el tribunal. Si no lo hace, será penalizado con mayores multas.

KNOW THE LAW

আইনকে জানুন 认识法律 اعرف القانون Conozca la Ley





GET TO KNOW YOUR STREET VENDORS

WAYS TO A BETTER VENDOR WORLD

In New York, street vending has always attracted ambitious, hard-working men and women with limited economic options. Successive waves of immigrants — Jewish and Italian in a previous era, now Chinese, Bangladeshi, Afghan, and Senegalese — have used vending to gain a foothold in their new country. Its low start-up costs, independence, and flexibility make vending a traditional first step for small business entrepreneurs.

But vending isn't an easy way to get ahead. Throughout New York City's history, merchants mindful of "unfair" competition have joined forces with city officials concerned with congestion, modernization, and "quality of life" to bar vendors from streets and regulate them excessively. These complex and shifting laws force vendors back and forth across the border between the formal and informal economies, making it difficult for vendors to serve the public and make a decent and honest living.

Here are four basic ways the City can make vending laws work better for vendors, their customers, and everyone else.

1. LIFT THE CAPS

It's virtually impossible to get a vending license in New York City because of strict caps, or limits, placed on the number of vendors in the 1970s and '80s. The estimated wait for a general vending license is several decades. By setting the caps far below vendor supply and public demand, the City unintentionally creates a thriving and exploitative black market for permits and licenses. Legal vendors have to buy licenses from illegal middlemen at exorbitant prices. Other vendors are driven underground, where they're unlicensed and unregulated. To bring vendors into the legal mainstream, the City should raise the caps to realistic levels and crack down on the black market in licenses and permits.

2. INCREASE STREET ACCESS

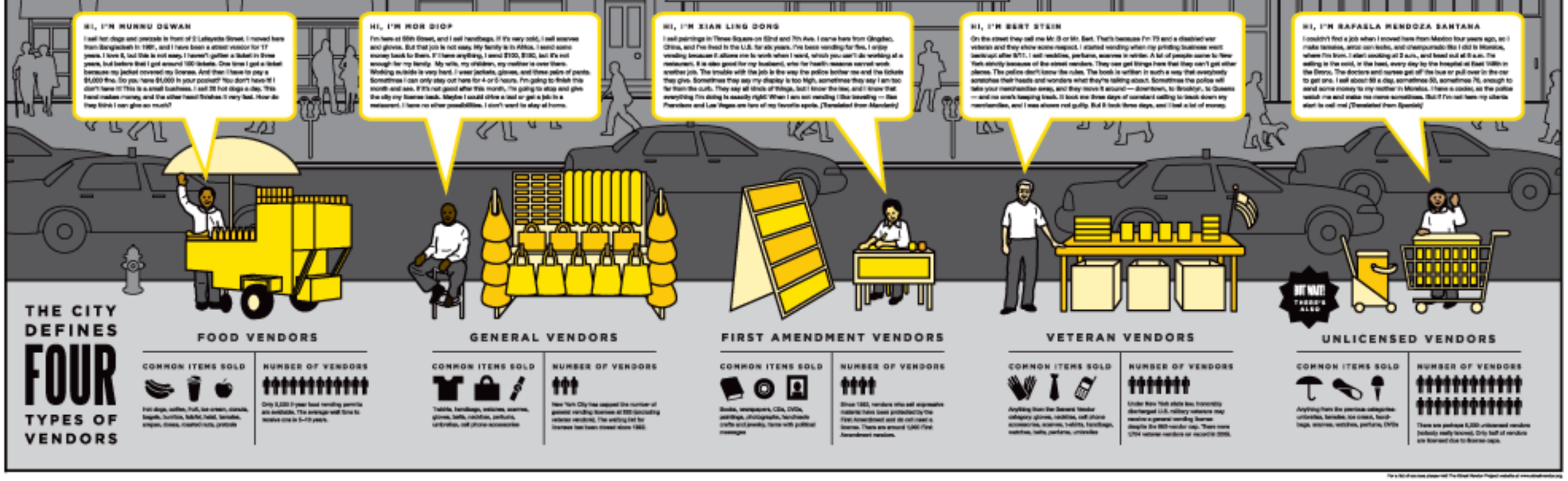
Vendors need foot traffic to survive, but waves of street restrictions have forced them farther away from the areas of the city that can support them. Pressure from merchant associations in the 1970s and Business Improvement Districts (BIDs) in later decades led to widespread restrictions, and Mayor Rudolph Giuliani made street restrictions a centerpiece of his "quality of life" campaign. Even on open streets, complex rules make it difficult to vend legally. The City should reduce street closings according to set criteria and rescind restrictions not founded in legitimate concerns about safety and street congestion. It should also simplify time-of-day restrictions to make them easier for vendors to understand and follow.

3. REDUCE THE FINES

In 2005, Mayor Michael Bloomberg quadrupled the maximum fines for street vendor violations from $262 to $1,000. A few tickets for parking a cart more than 18 inches from the curb or less than 20 feet from a store entrance can wipe out months of earnings. Other businesses pay less for more serious violations while having a greater ability to pay. Vendors are entry-level small business owners who earned absurd fines as a cost of business. The City should reduce fines to pre-2005 amounts — a level that deters violations but doesn't put vendors out of business.

4. REFORM ADMINISTRATION AND ENFORCEMENT

Vending regulation is a patchwork of policies from the last hundred years that vendors and police find hard to understand. The rulebook is a series of photocopied and unformatted excerpts from the city code — rough going, even for native English speakers. As a consequence, vendors who want to follow the rules get tickets for violations they don't understand, and police who want to enforce the rules give tickets for violations that don't exist. To increase compliance, the City should simplify vendor regulation and create a new rulebook that clearly explains the rules in English and a few of the many language vendors speak.



Based on standard U.S. Government tests

ENERGYGUIDE

Clothes Washer
Capacity: Standard

Whirlpool Corporation
Model 9FLg0SM(3B)

Compare the Energy Use of this Clothes Washer with Others Before You Buy.

This Model Uses
282 kWh/year

ENERGY STAR
A symbol of energy efficiency

Energy use (kWh/year) range of all similar models

Uses Least Energy
177

ENERGY STAR clothes washers must be rated with a modified Energy Factor of 1.26 or higher.

Uses Most Energy
1298

kWh/year (kilowatt-hours per year) is a measure of energy (electricity) use. Your utility company uses it to compute your bill. Only standard size clothes washers are used in this scale.

Clothes washers using more energy cost more to operate. This model's estimated yearly operating cost is:

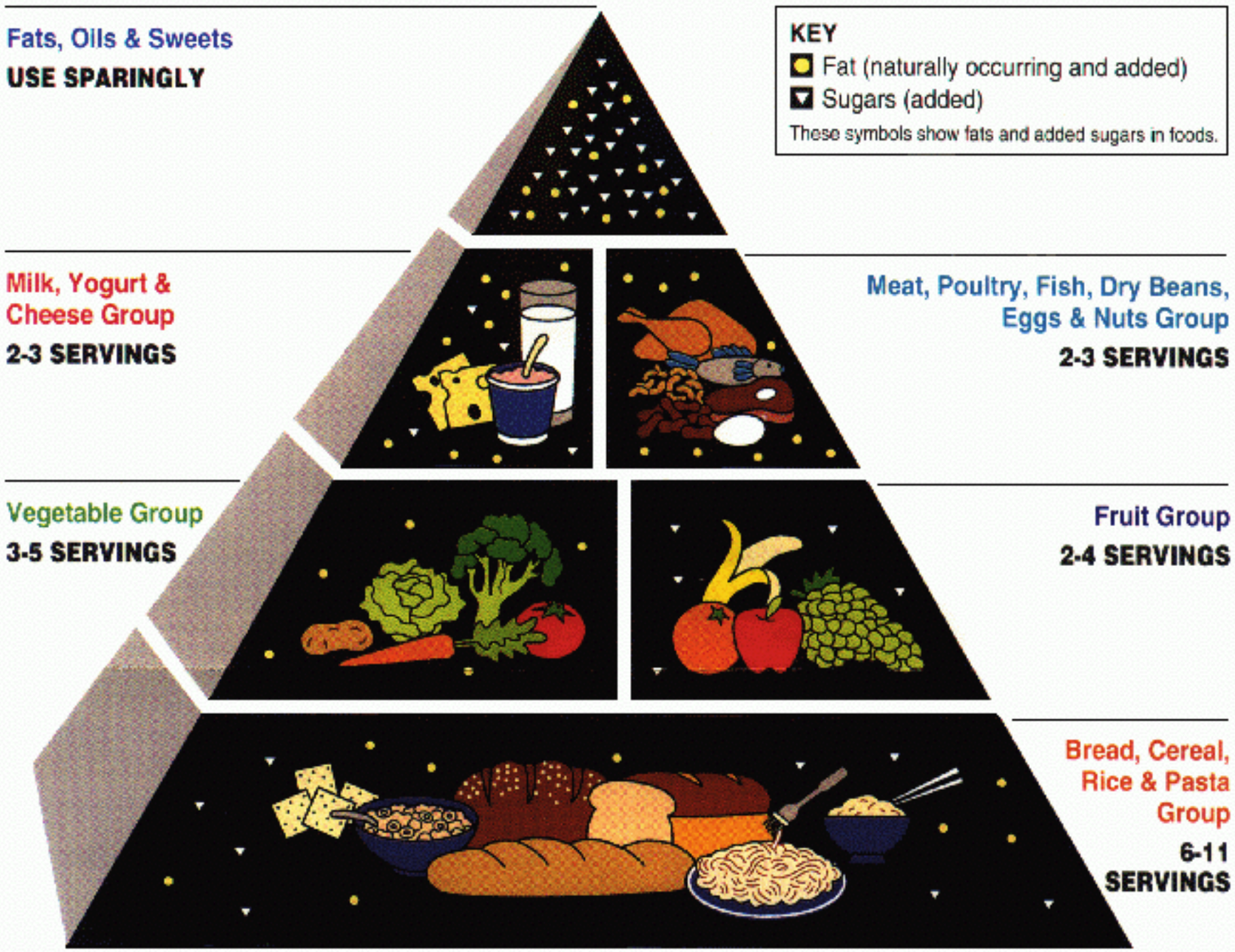
$23
when used with an electric water heater

$11
when used with a natural gas water heater

Based on eight loads of clothes a week and a 2000 U.S. Government national average cost of 8.03¢ per kWh for electricity and 68.80¢ per therm for natural gas. Your actual operating cost will vary depending on your local utility rates and your use of the product.

Important: Removal of this label before consumer purchase violates the Federal Trade Commission's Appliance Labeling Rule (16 CFR Part 305).

4619 7020 6601


Fats, Oils & Sweets
USE SPARINGLY
KEY
Fat (naturally occurring and added)
Sugars (added)
These symbols show fats and added sugars in foods.
Milk, Yogurt & Cheese Group
2-3 SERVINGS
Meat, Poultry, Fish, Dry Beans, Eggs & Nuts Group
2-3 SERVINGS
Vegetable Group
3-5 SERVINGS
Fruit Group
2-4 SERVINGS
Bread, Cereal, Rice & Pasta Group
6-11 SERVINGS

THÁP DINH DƯỠNG CÂN ĐỐI
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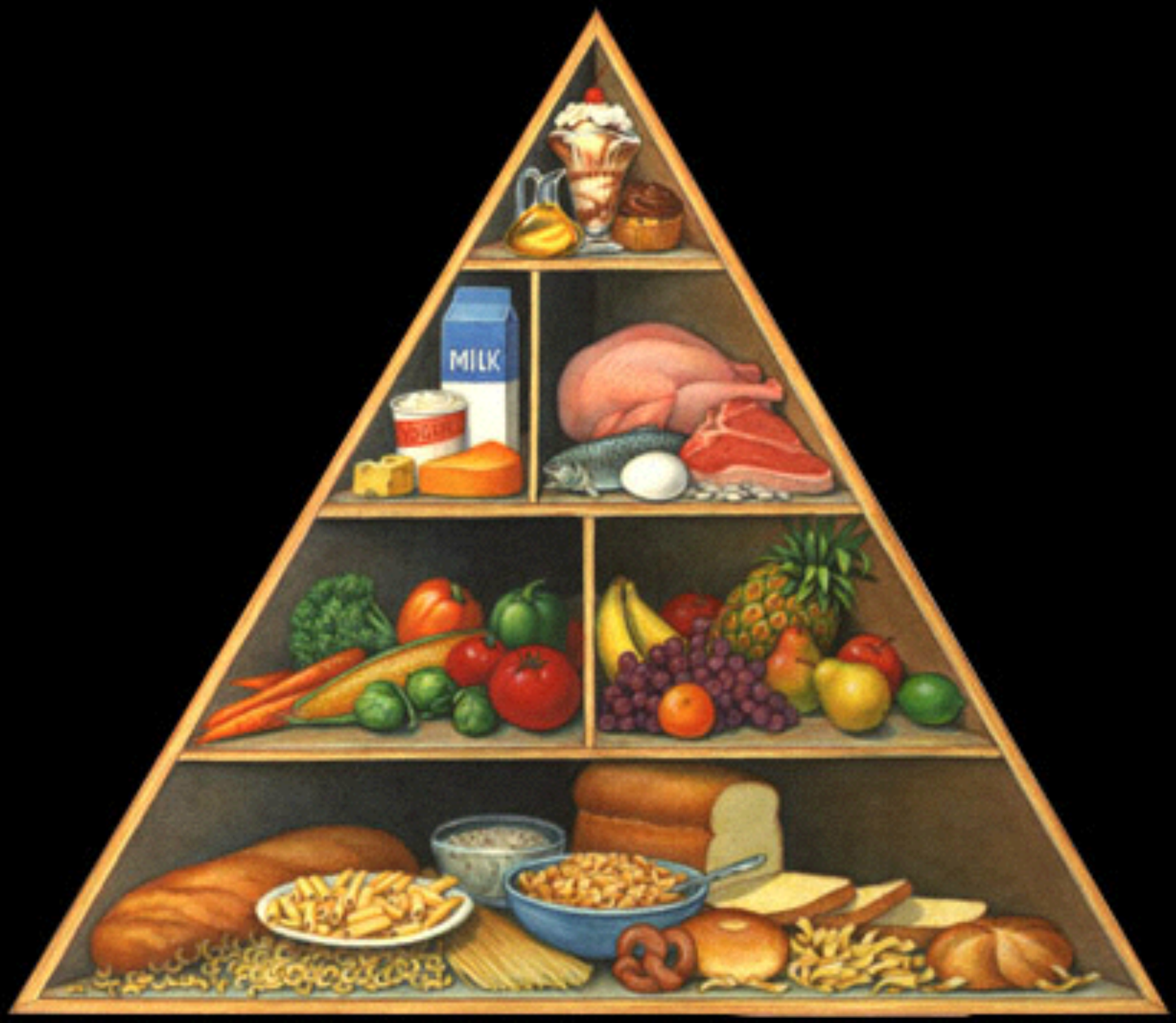
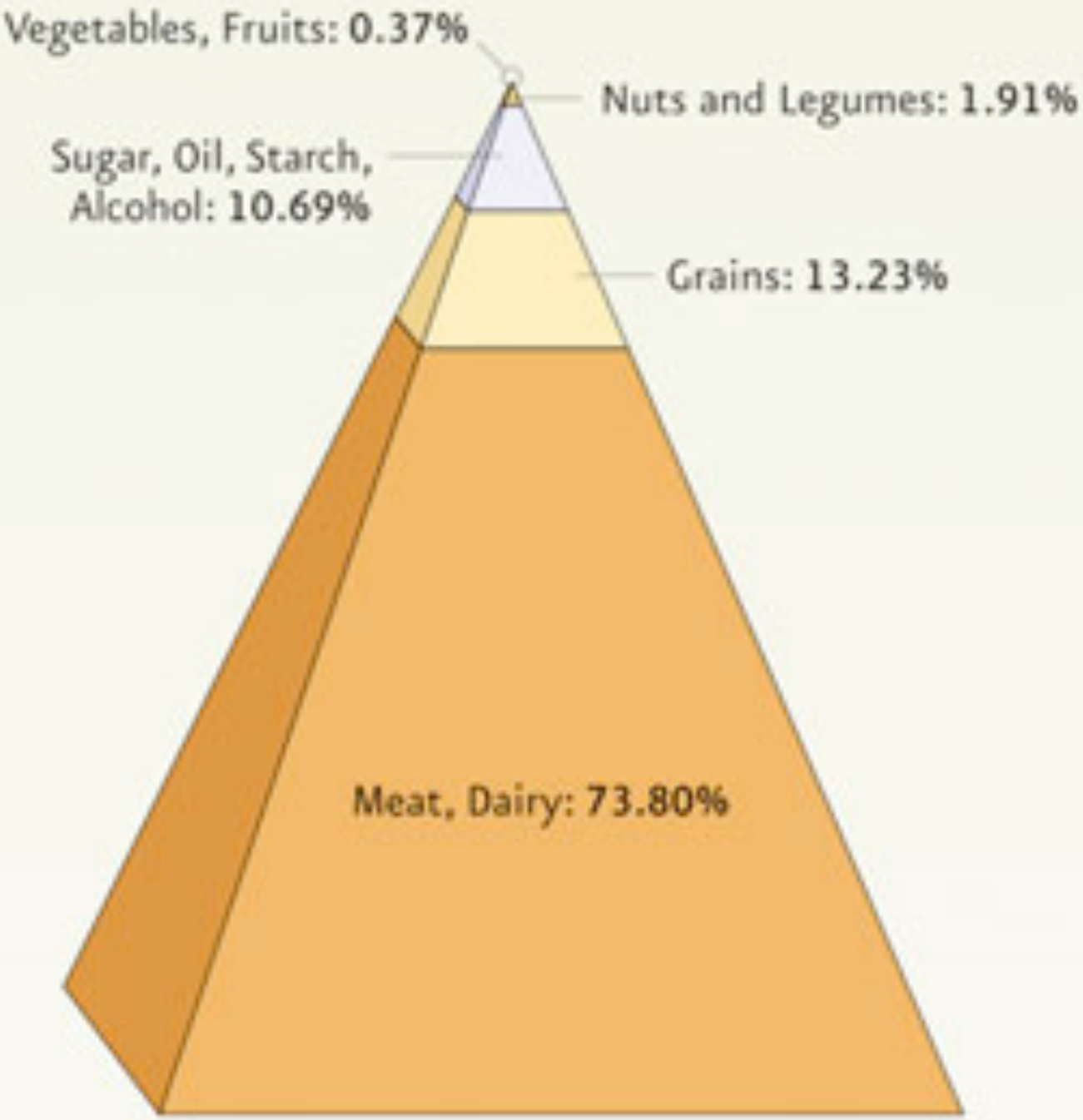
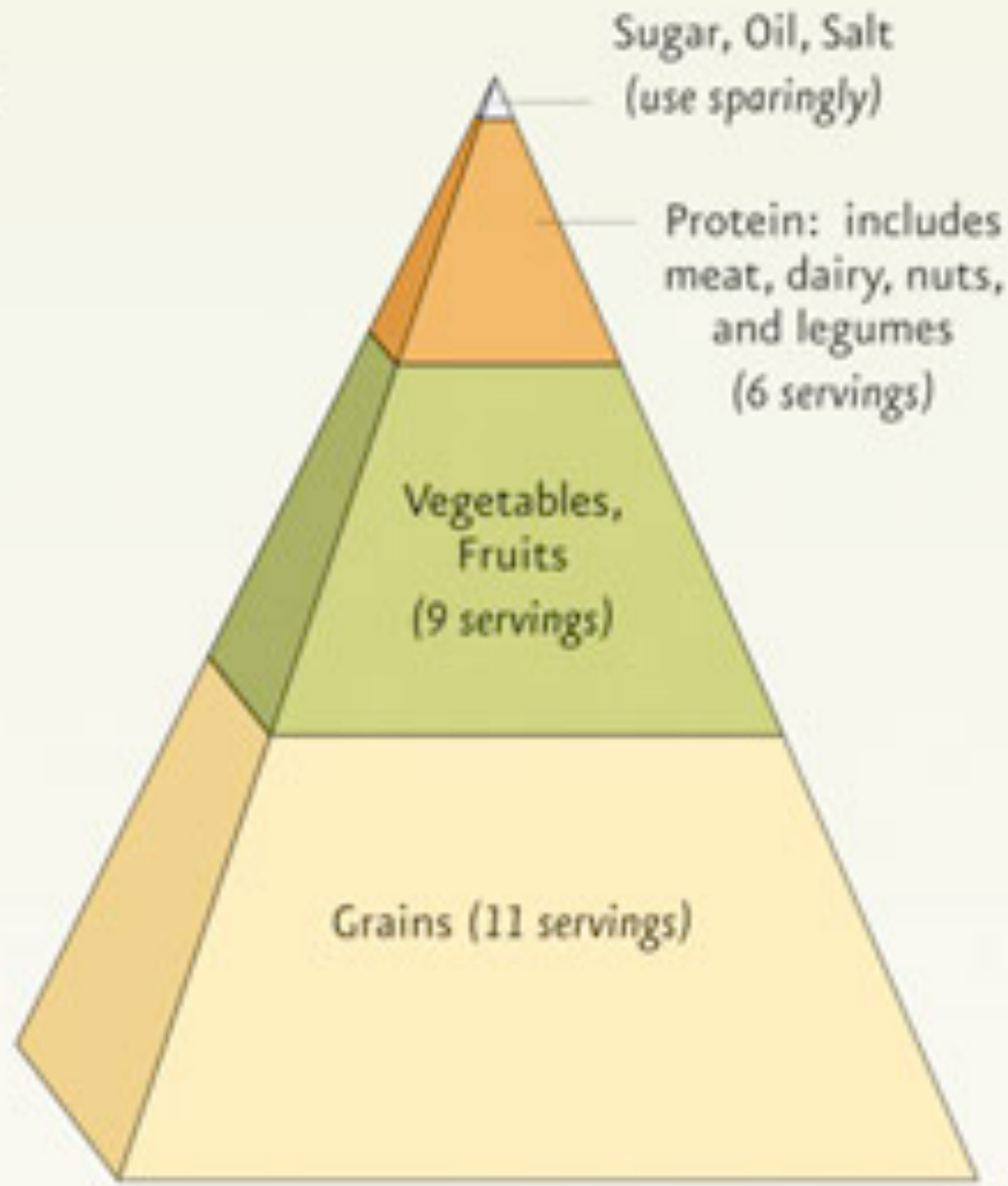

MILK

Why Does a Salad Cost More Than a Big Mac?

Federal Subsidies for Food Production, 1995-2005*



Federal Nutrition Recommendations



indicators

REPORTS | AFGHANISTAN, BANGLADESH, BRAZIL, COLOMBIA, INDIA, IRAQ, MEXICO, NIGERIA, PAKISTAN, PHILIPPINES, RUSSIA, SOMALIA, SOUTH SUDAN, SRI LANKA, SYRIA

Getting Away With Murder

Also Available in Русский, Français, Español, Português, العربية

AA Text Size Print

Share

CPJ's 2015 Global Impunity Index spotlights countries where journalists are slain and the killers go free

The
Good Country Index

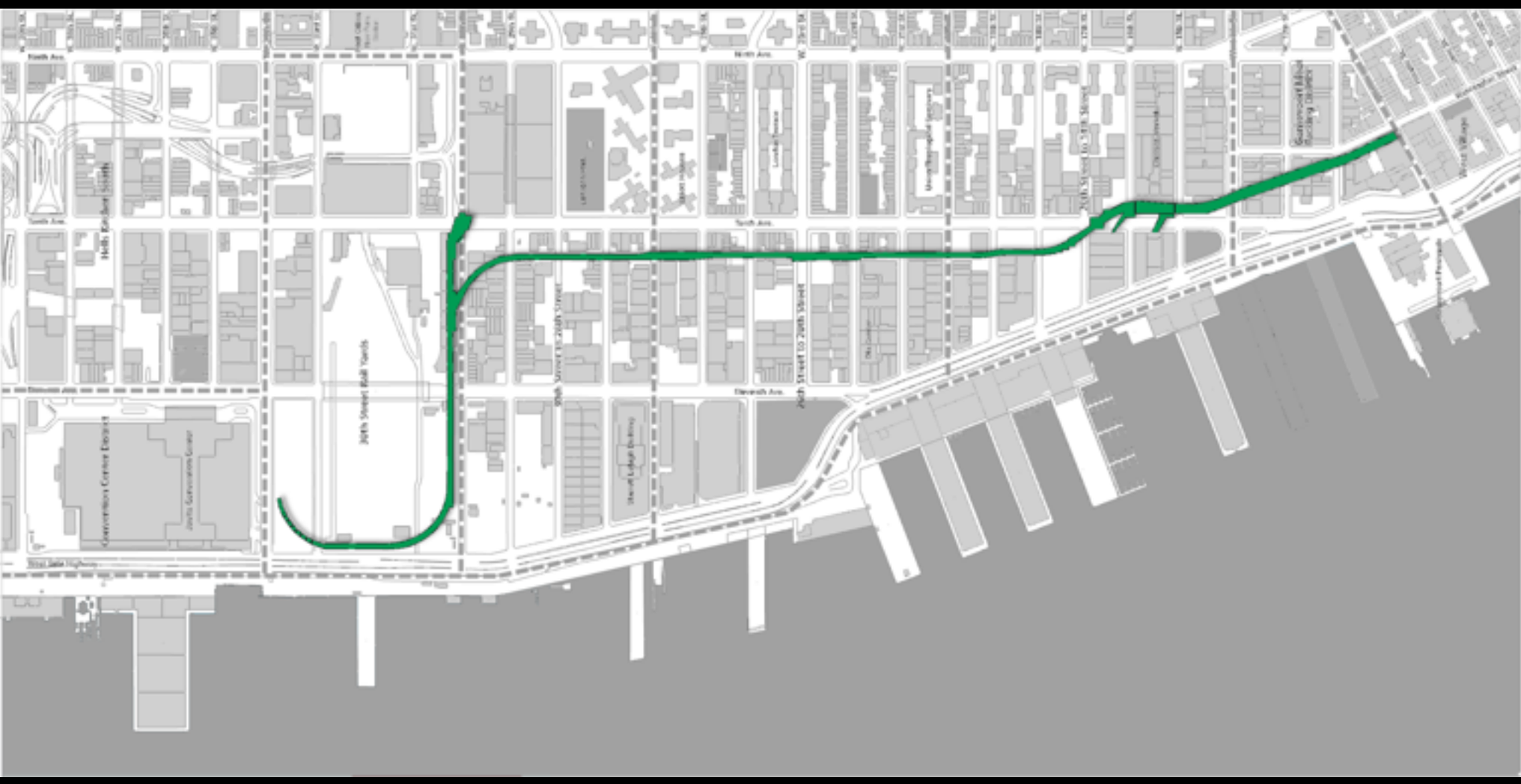
Overall Rankings

		Good Country Index Overall Rankings	Science and Technology	Culture	Int'l Peace and Security	World Order	Planet and Climate	Prosperity and Equality	Health and Wellbeing
1st	Ireland	20	7	33	4	45	1	9
2nd	Finland	7	18	53	12	14	3	12
3rd	Switzerland	6	32	71	10	16	2	10
4th	Netherlands	18	2	97	3	23	8	2
5th	New Zealand	10	25	37	17	7	41	17
6th	Sweden	8	14	111	8	3	4	8
7th	United Kingdom	1	12	94	9	30	9	6

The FBI has not been here

[watch very closely for the removal of this sign]

AIR FRANCE
ce the comfort
Business Class.
MEDS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Twelfth Ave.
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Jacob Javits Convention Center
Jacob Javits Ball Yards
Dyer Avenue
Port Authority Bus Terminal
Lincoln Tunnel
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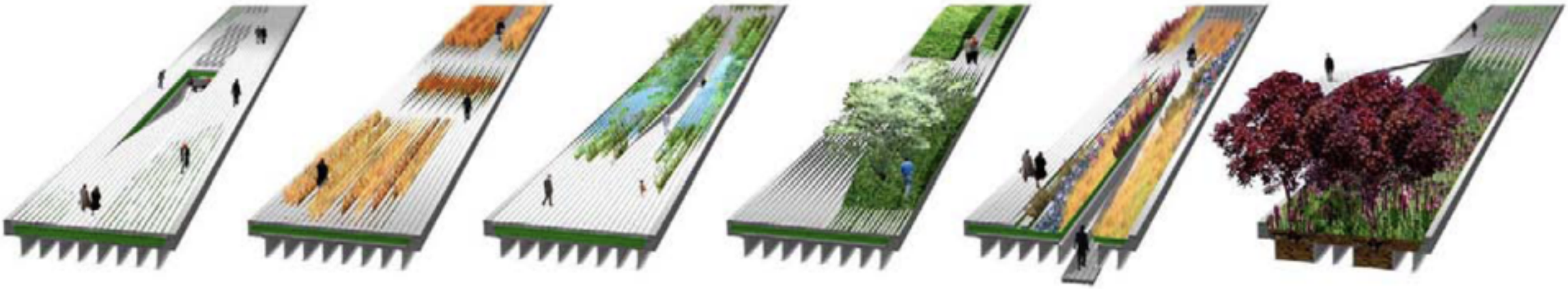

PIT
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PLAINS
40% : 60%

BRIDGE
50% : 50%

MOUND
55% : 45%

RAMP
60% : 40%

FLYOVER
100% : 10%

MOESLAND

Deinanum
Limbotryum
Polytrichum
Thuidium

wet

TALL MEADOW

Avena
Festuca
Miscanthus
Pennisetum
Sorghastrum

dry

WETLAND

Aster
Carex
Epilobium
Lizula
Lythrum
Verbena

wet

WOODLAND THICKET

Aquilegia spp.
Acorus
Betula nigra 'Heritage'
Chelone lyonii
Sassafras albidum
Osmunda spp.
Viburnum dilatum

wet/average

MIXED PERENNIAL MEADOW

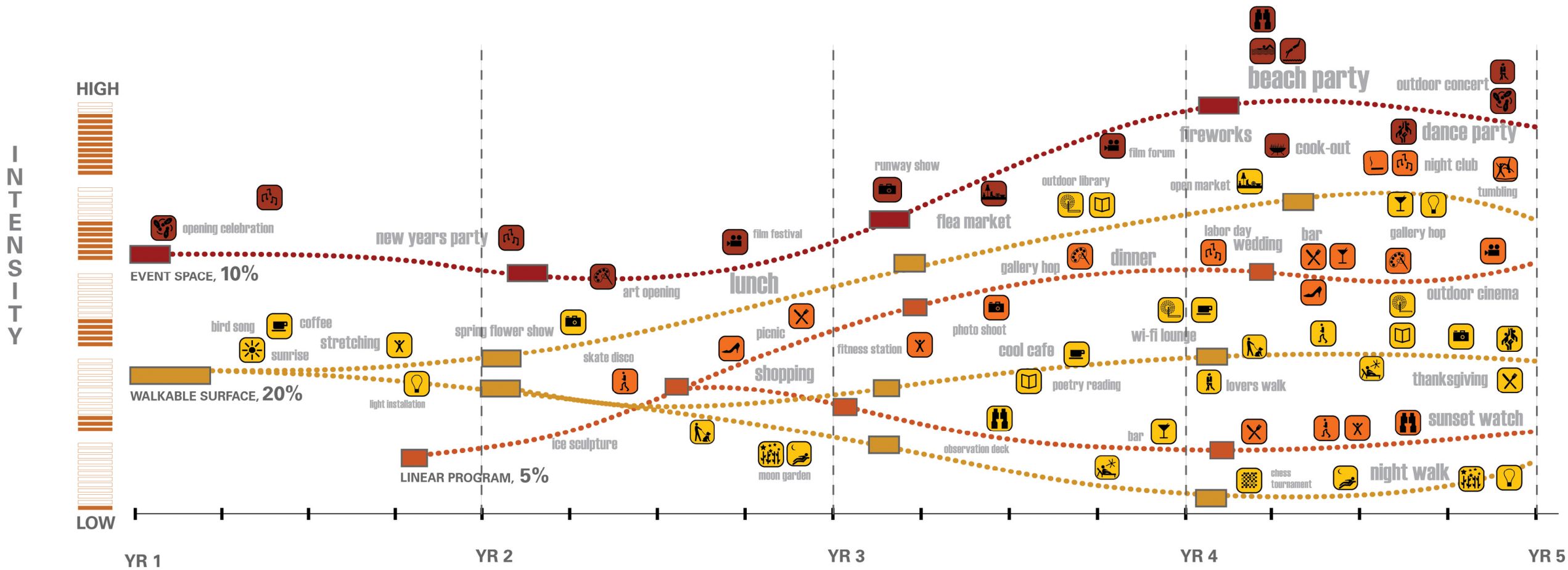
Artemisia
Eryngium giganteum
Heuchera
Monarda
Pennisetum
Sanguisorba officinalis
Salvia

dry/average

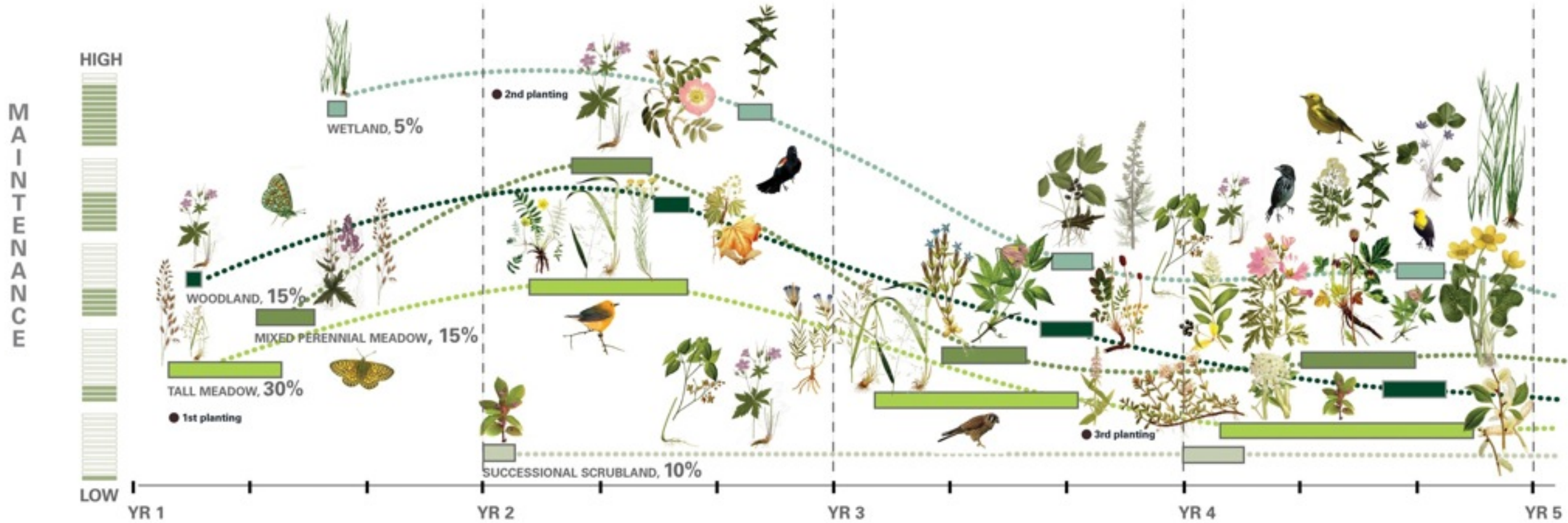
YOUNG WOODLAND

Agastache
Buxus microphylla
Cercis canadensis
Liriodendron
Rhus chinensis
Salix elaagnos

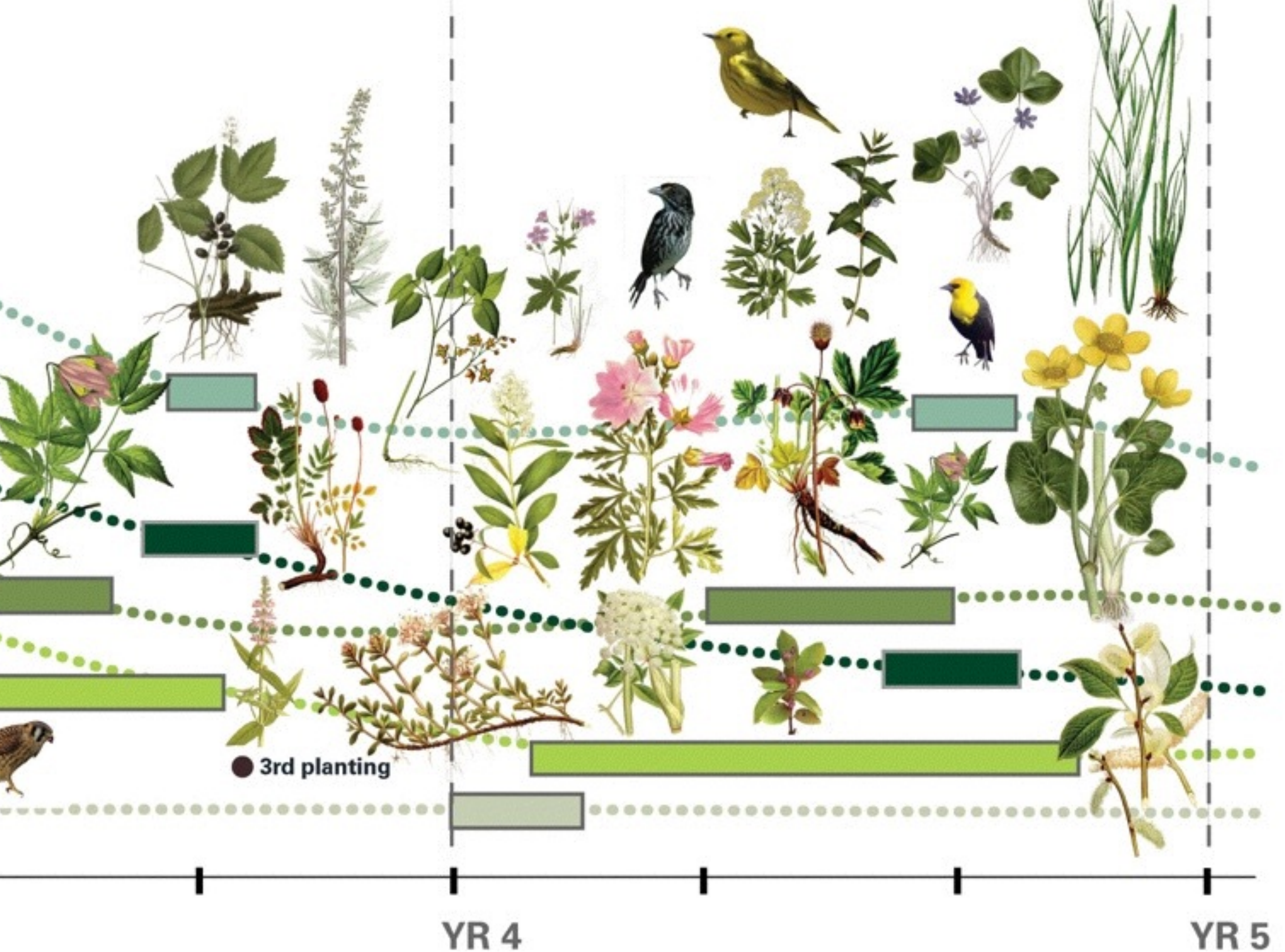
average



DIVERSIFICATION IN TIME [DIVERSIFIED PERFORMANCE / INCREASED POTENTIAL]



DIVERSIFICATION IN TIME [STABILIZED MAINTENANCE / ENHANCED BIODIVERSITY]


3rd planting
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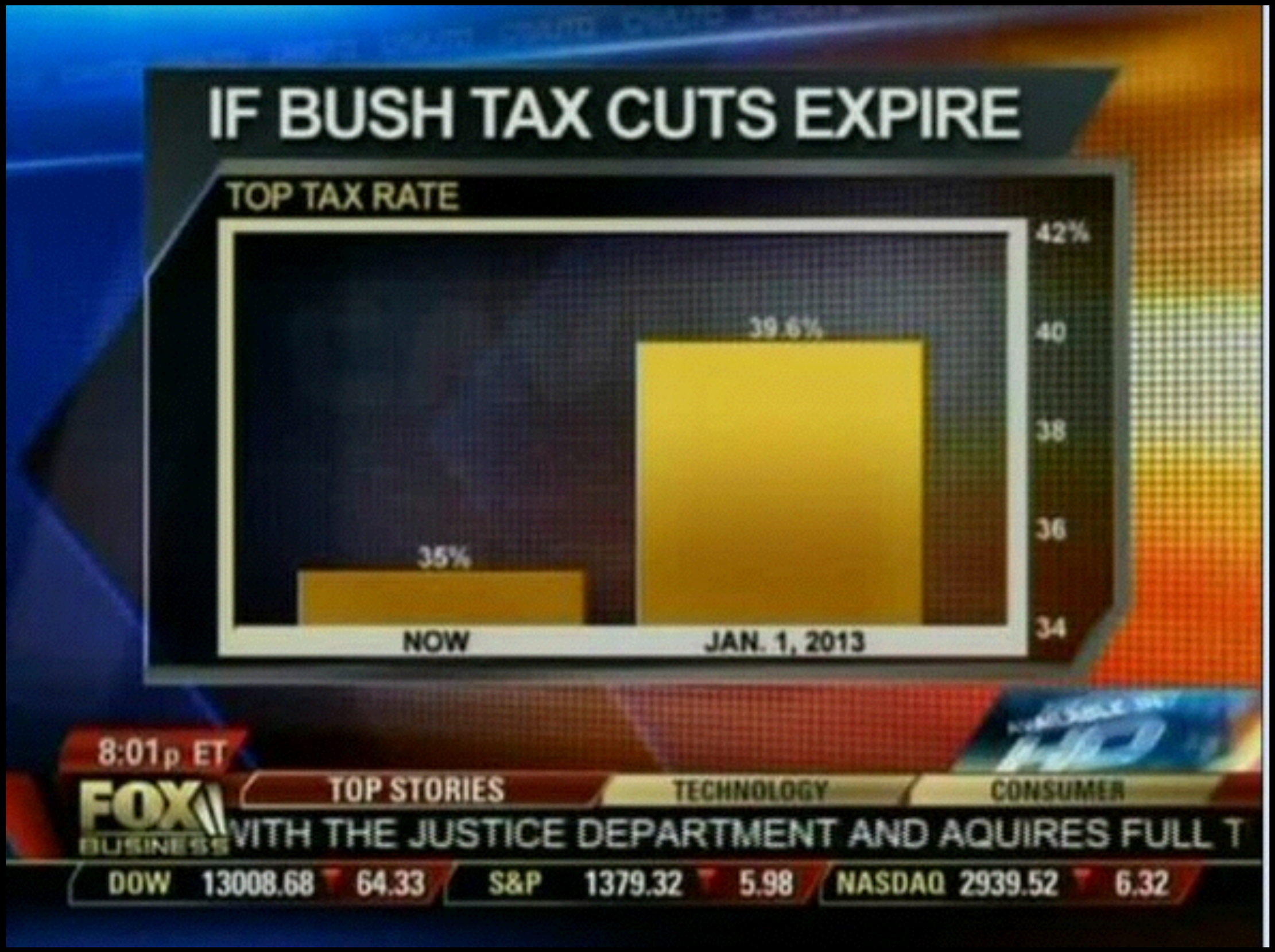
deception

lies

damned lies

statistics


IF BUSH TAX CUTS EXPIRE
TOP TAX RATE
42%
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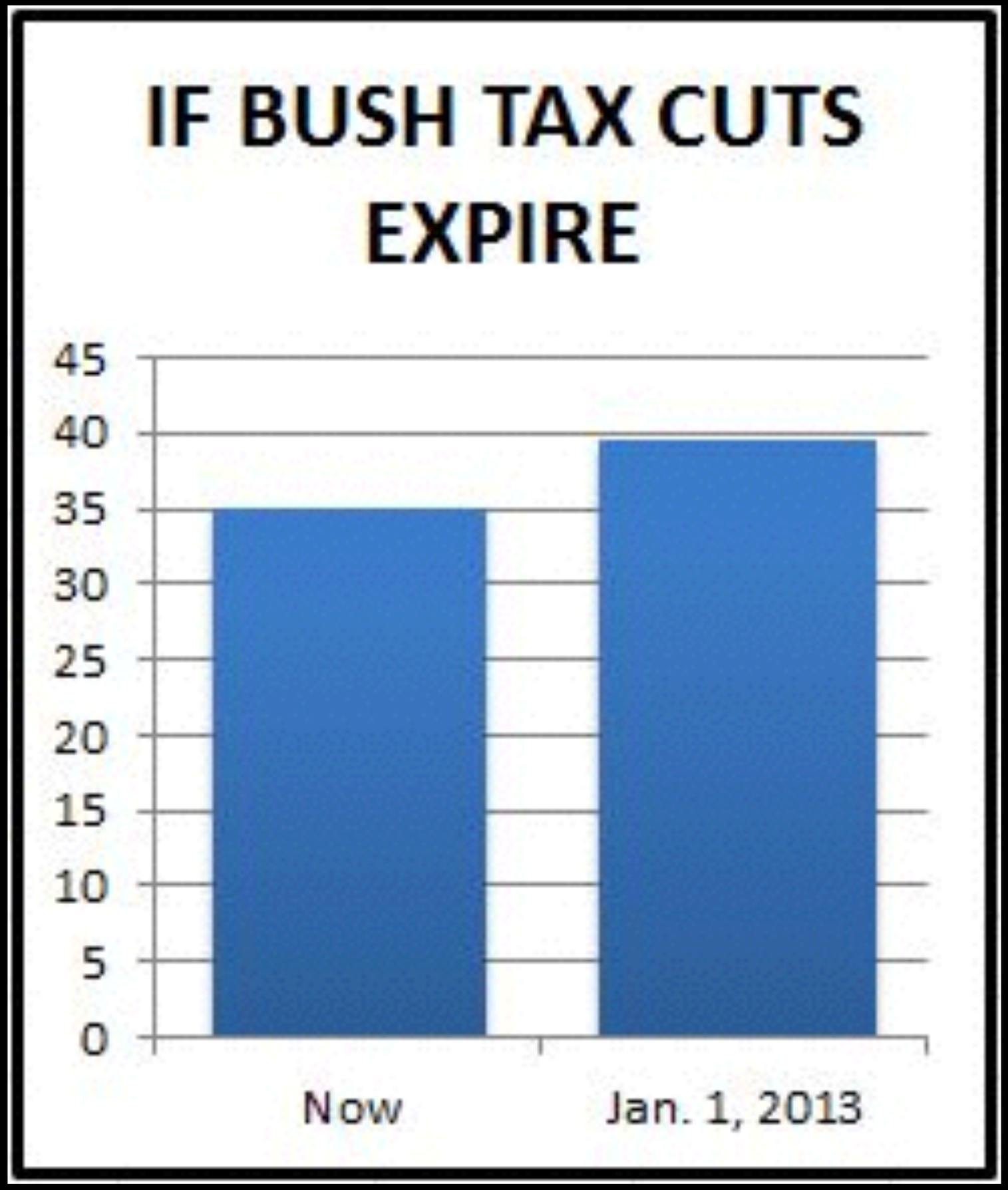
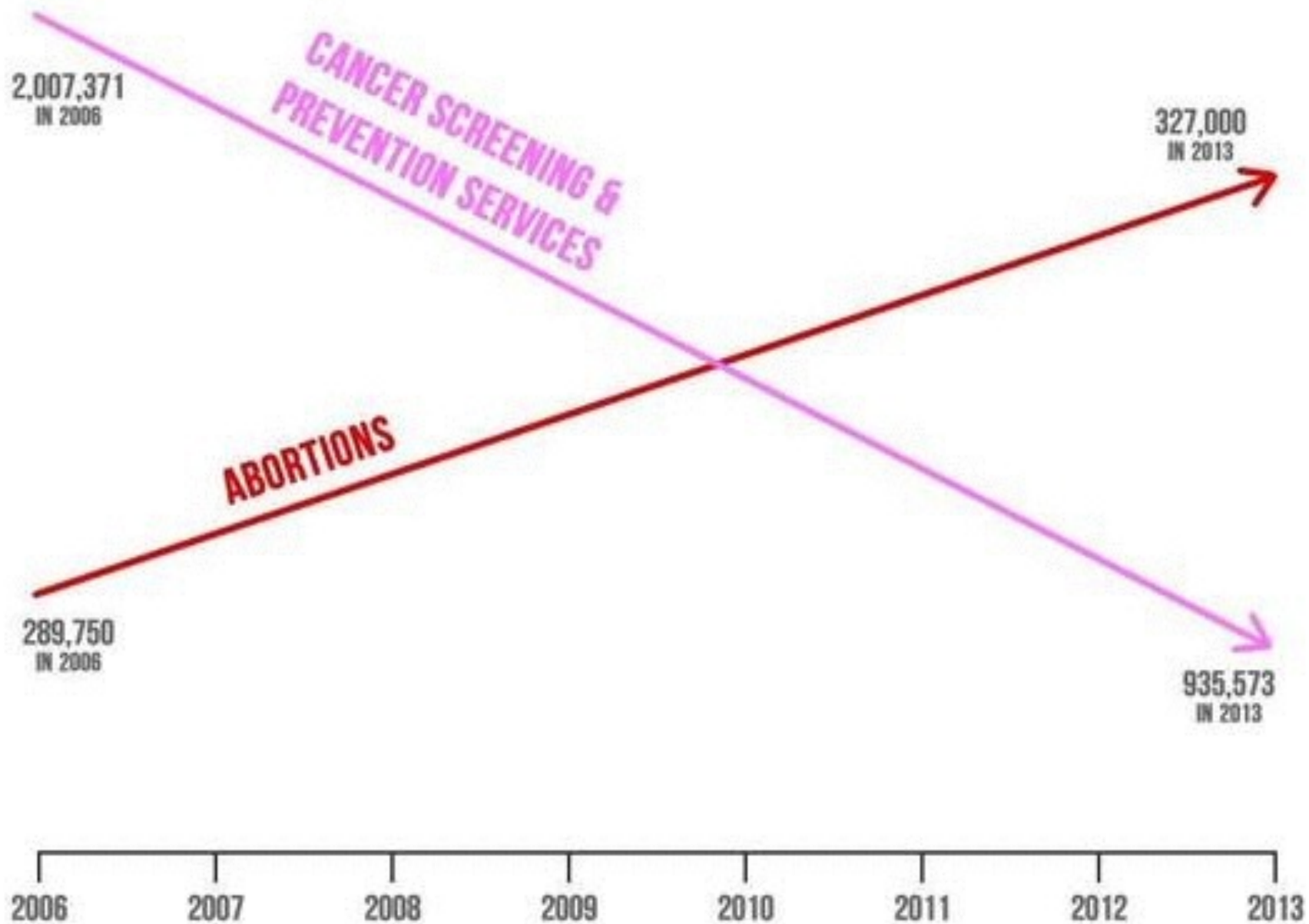
S&P 1379.32 5.98
NASDAQ 2939.52 6.32

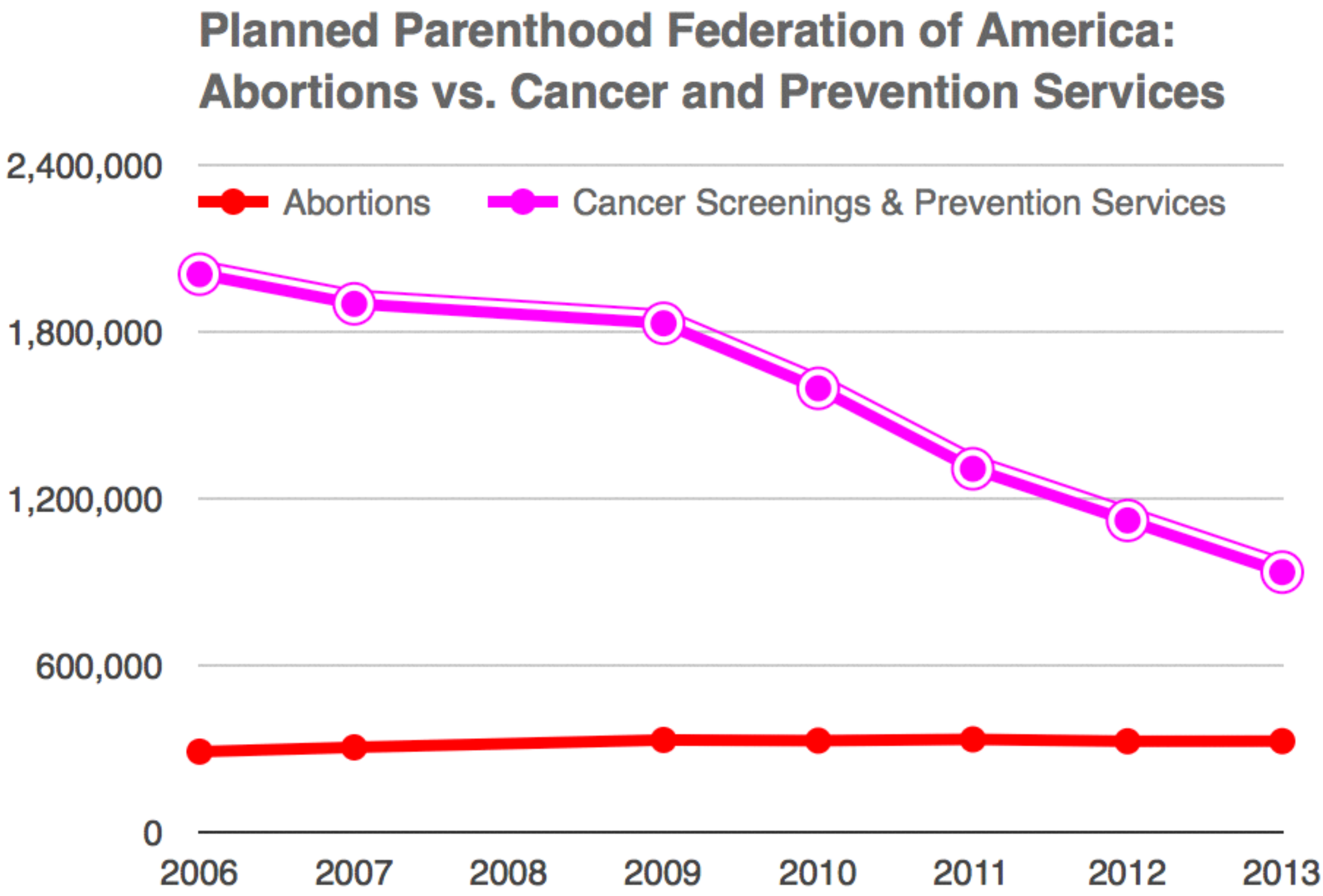

IF BUSH TAX CUTS EXPIRE
45
40
35
30
25
20
15
10
5
0
Now
Jan. 1, 2013

PLANNED PARENTHOOD FEDERATION OF AMERICA:

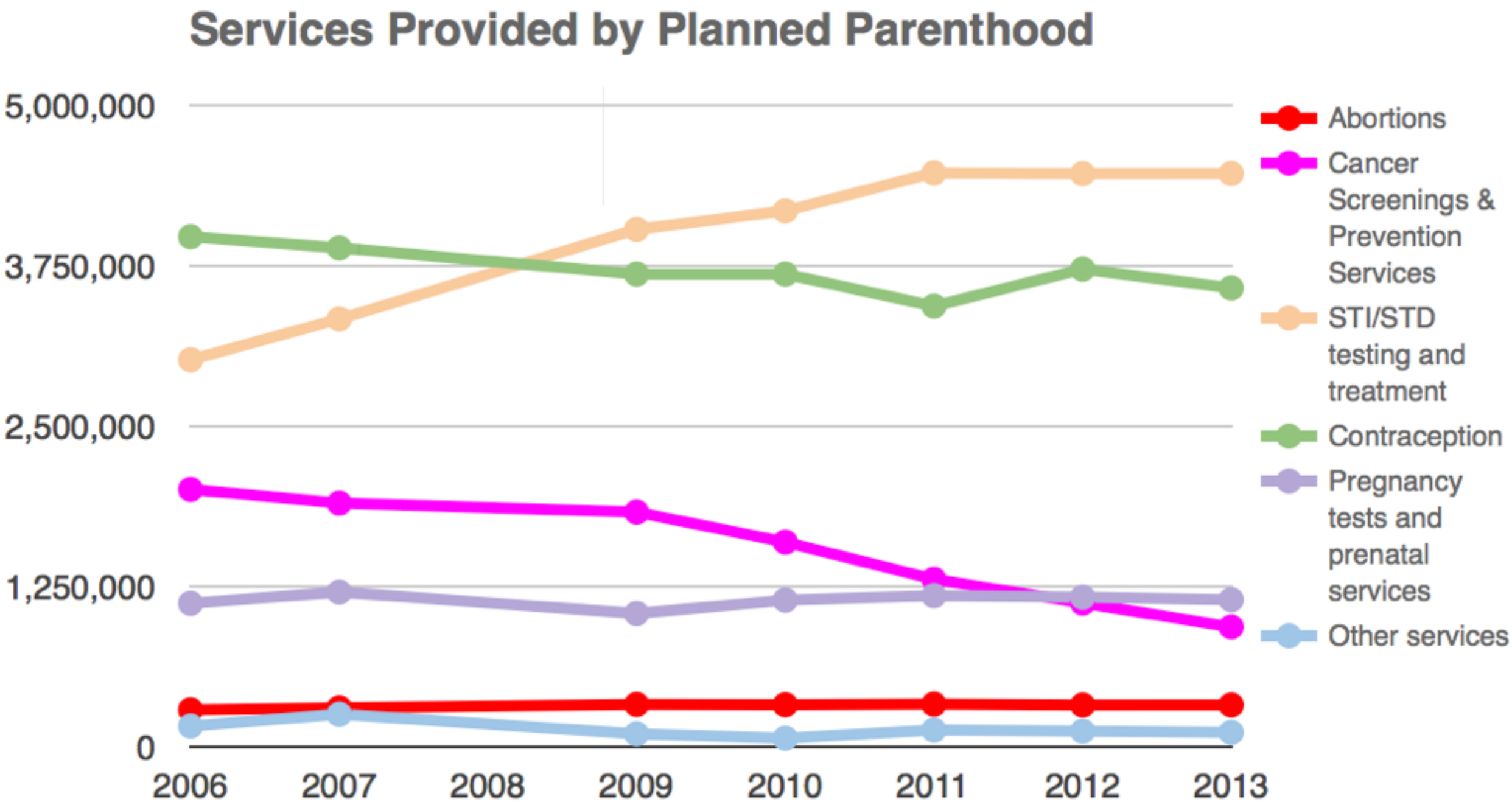
ABORTIONS UP — LIFE-SAVING PROCEDURES DOWN



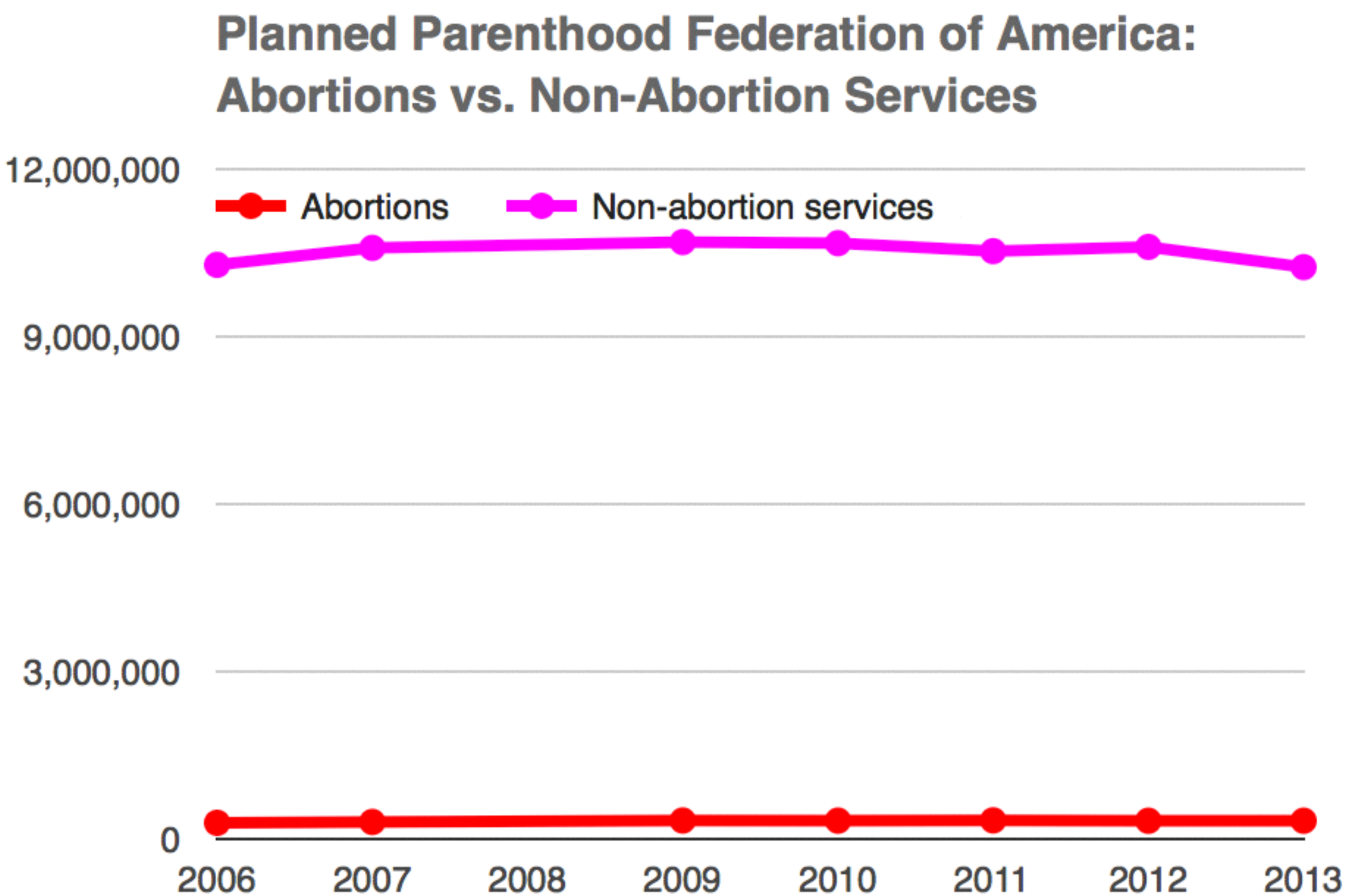
SOURCE: AMERICANS UNITED FOR LIFE



Source: http://www.politifact.com

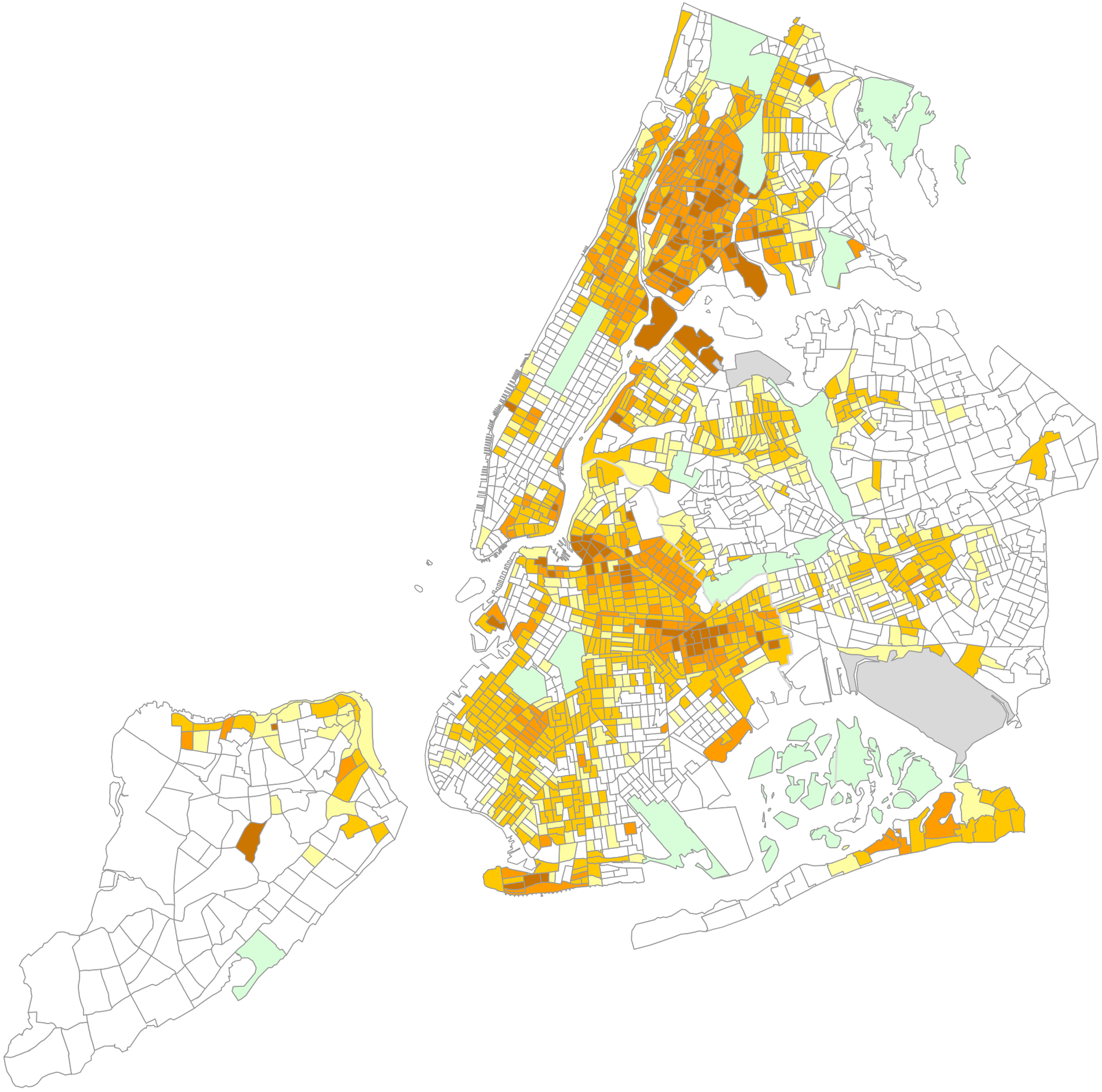


Source: http://www.politifact.com



Source: http://www.politifact.com

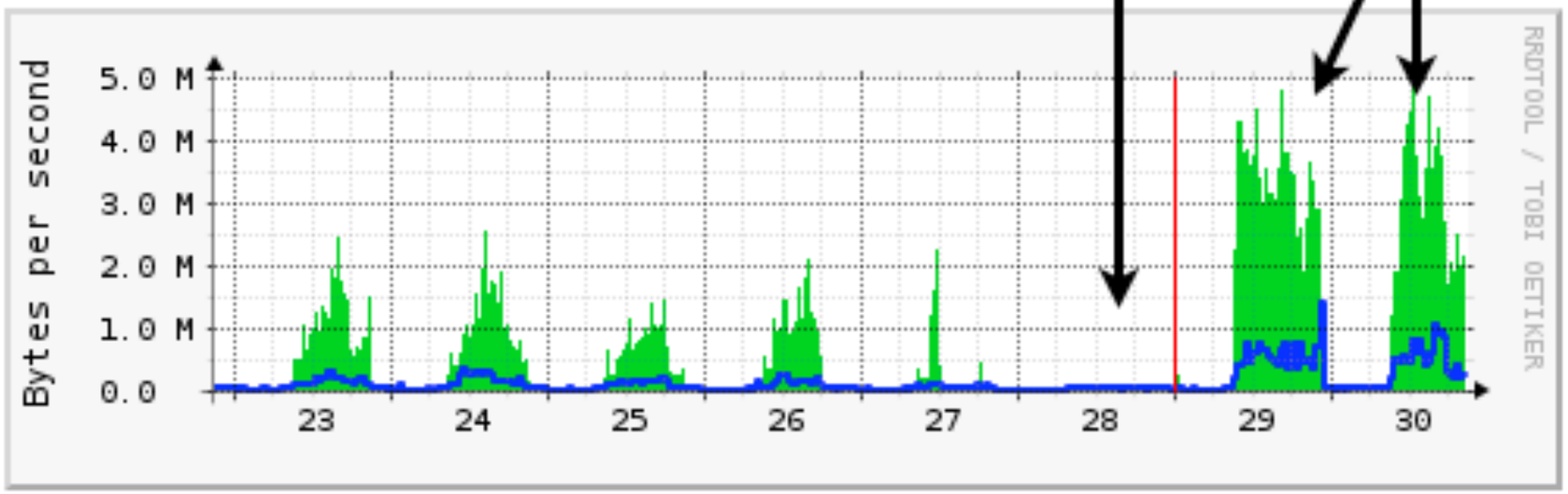
analysis



Hurricane Irene

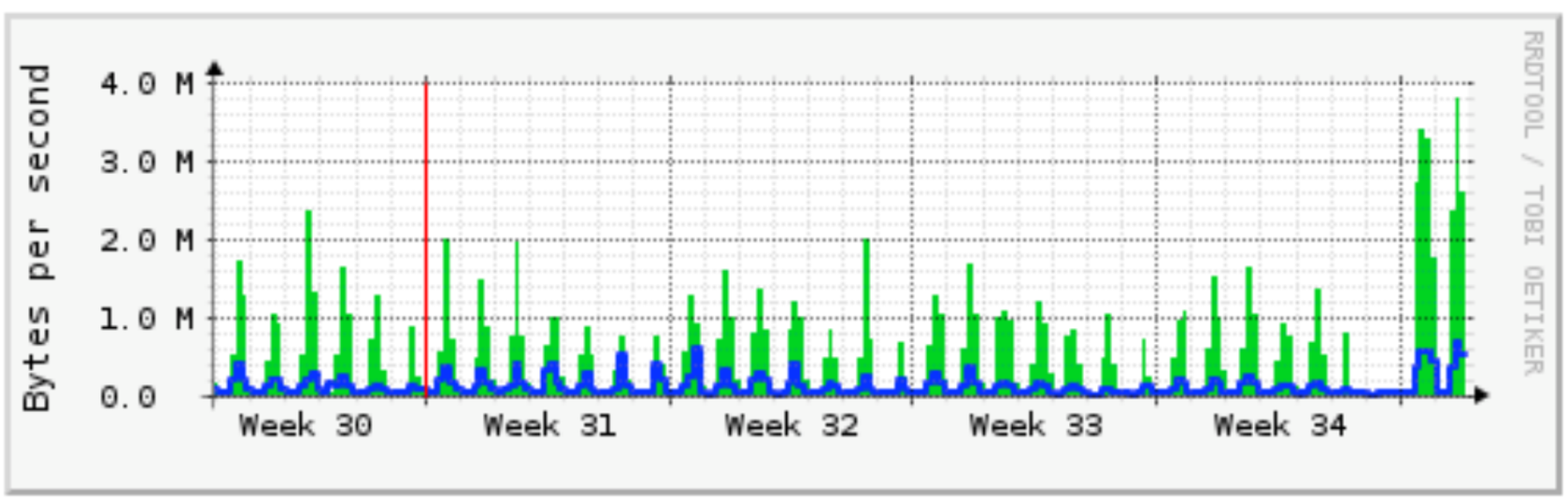
Post-Irene

`Weekly' Graph (30 Minute Average)

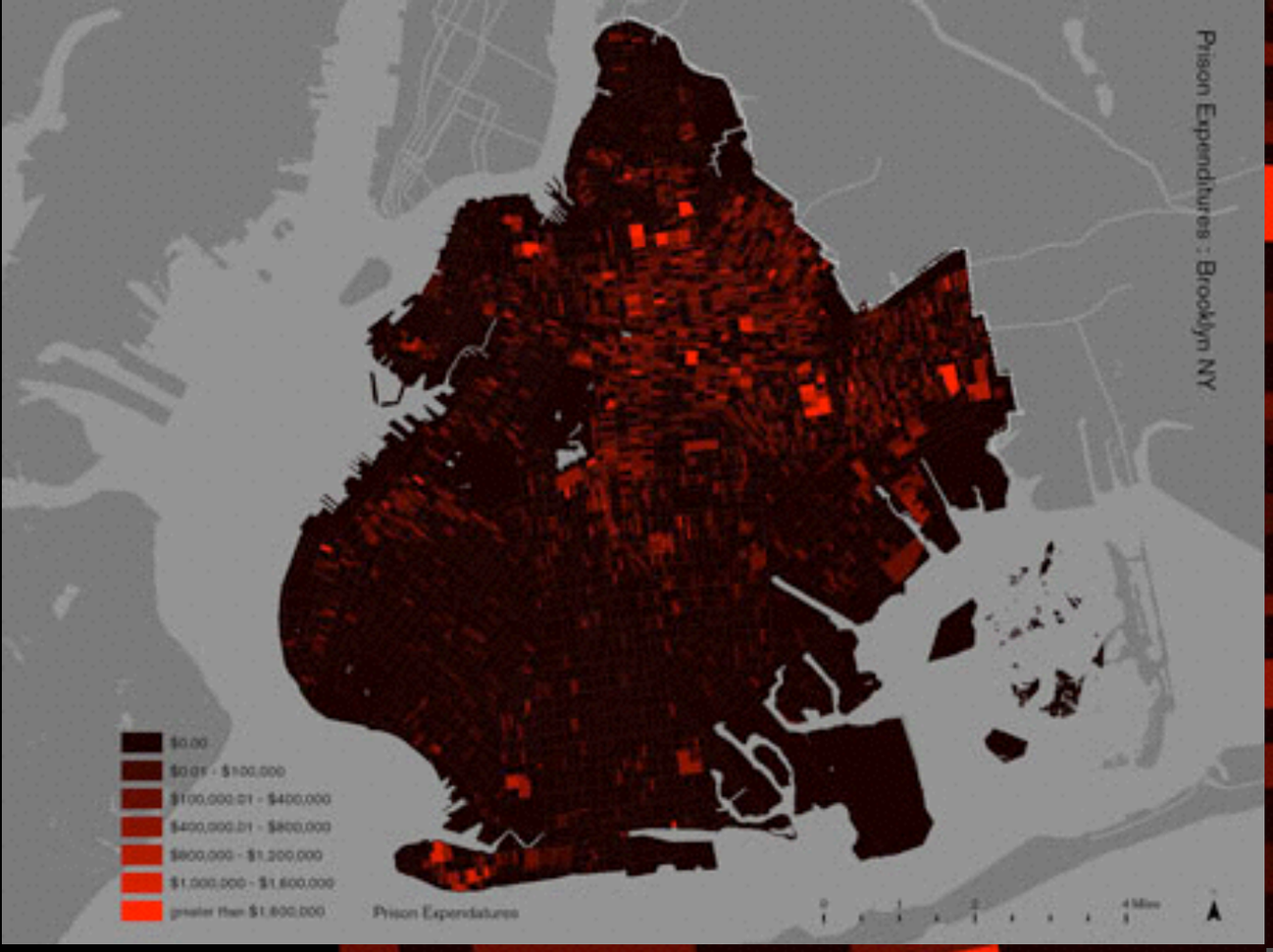


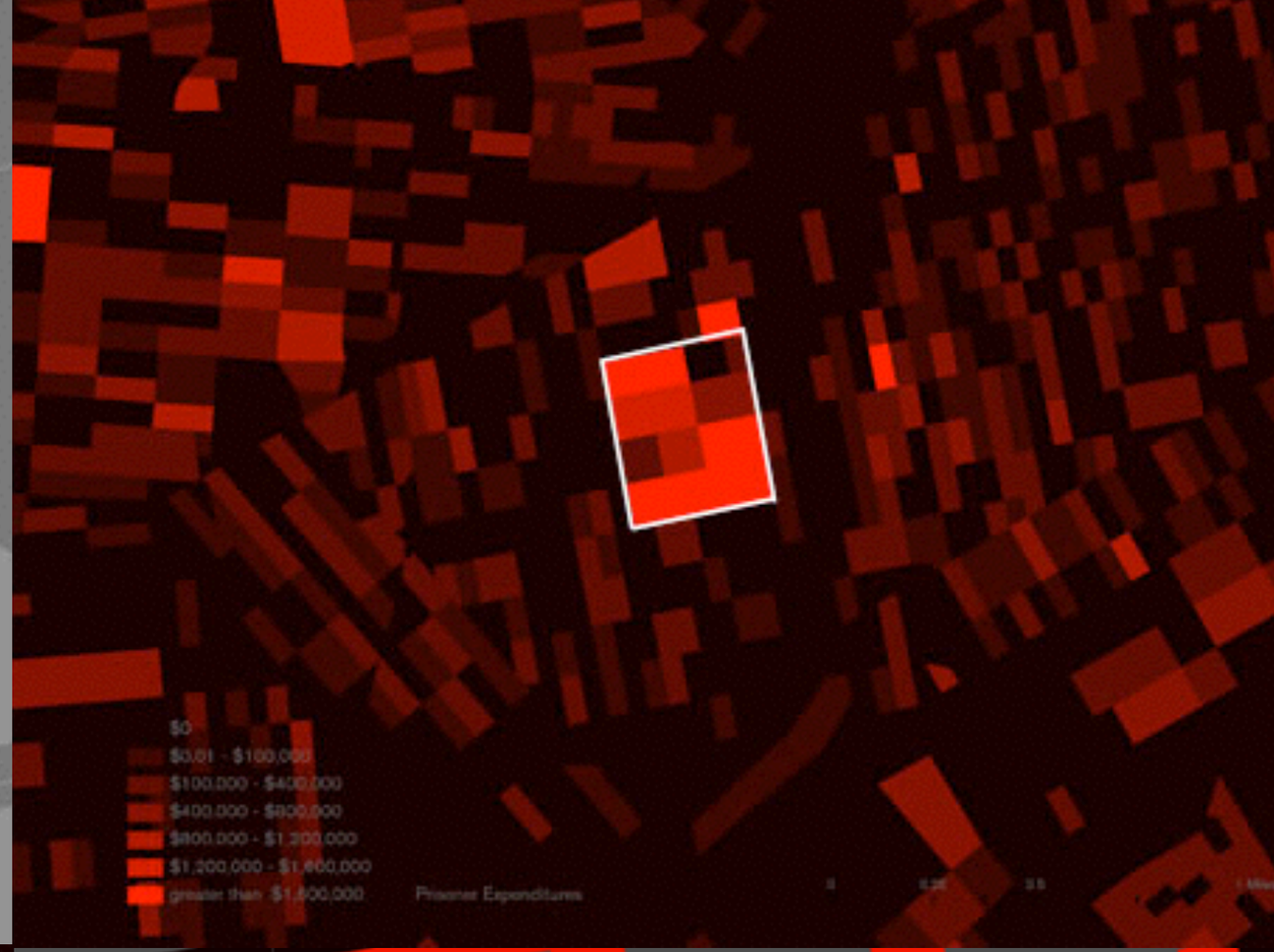
Max In: 4981.9 kB/s (39.9%) Average In: 686.0 kB/s (5.5%) Current In: 2126.0 kB/s (17.0%)
Max Out: 1379.7 kB/s (11.0%) Average Out: 128.9 kB/s (1.0%) Current Out: 246.0 kB/s (2.0%)

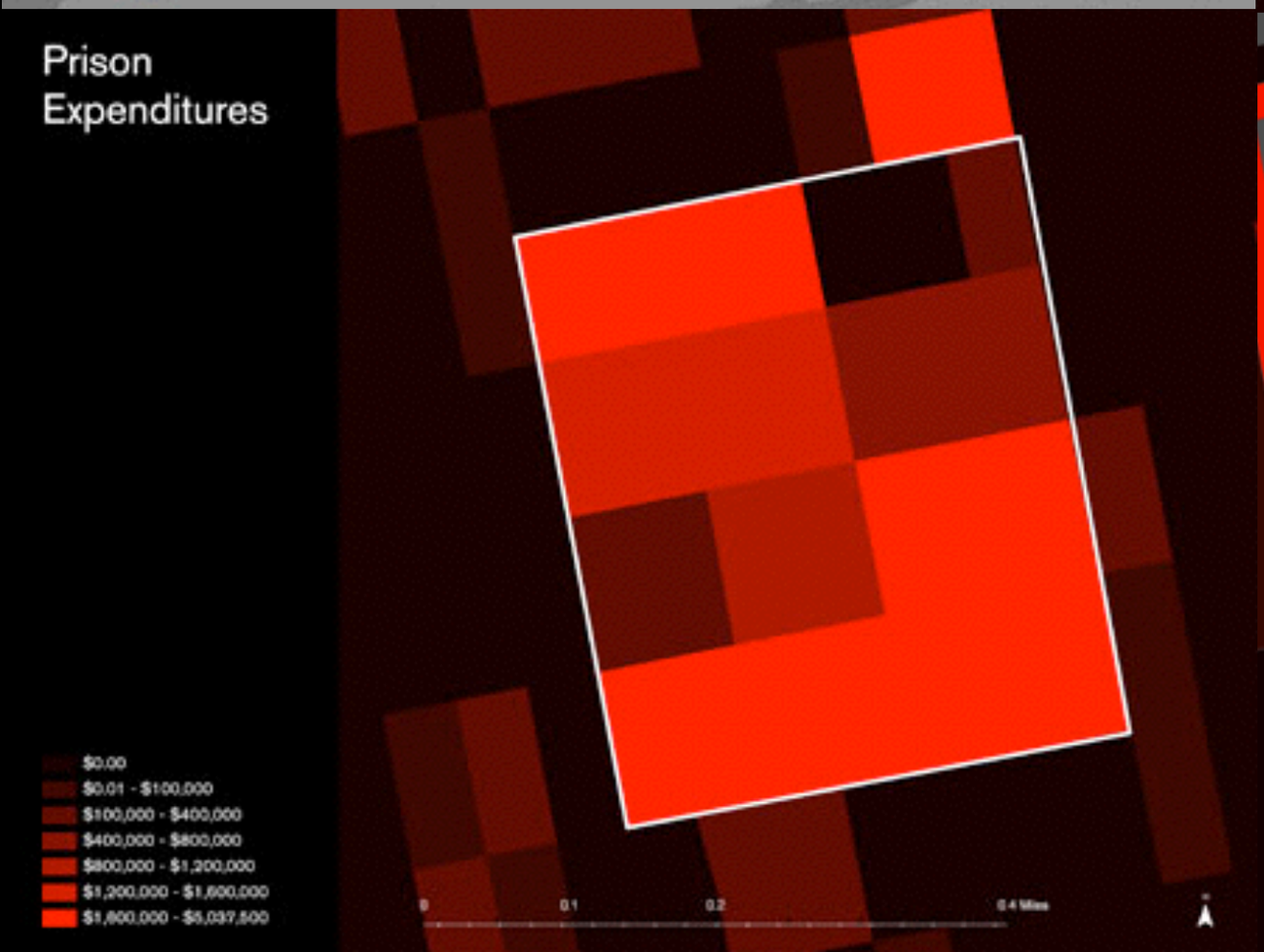
`Monthly' Graph (2 Hour Average)



Max In: 3782.2 kB/s (30.3%) Average In: 492.9 kB/s (3.9%) Current In: 2582.8 kB/s (20.7%)
Max Out: 661.7 kB/s (5.3%) Average Out: 112.4 kB/s (0.9%) Current Out: 511.5 kB/s (4.1%)


Prison Expenditures : Brooklyn NY
$0.00
$0.01 - $100,000
$100,000.01 - $400,000
$400,000.01 - $800,000
$800,000 - $1,200,000
$1,000,000 - $1,600,000
greater than $1,600,000
Prison Expenditures


$0
$0.01 - $100,000
$100,000 - $400,000
$400,000 - $800,000
$800,000 - $1,200,000
$1,200,000 - $1,600,000
greater than $1,600,000
Prisoner Expenditures


Prison Expenditures
$0.00
$0.01 - $100,000
$100,000 - $400,000
$400,000 - $800,000
$800,000 - $1,200,000
$1,200,000 - $1,600,000
$1,600,000 - $5,037,500

$165,000
$90,000
$60,000
$30,000
$40,000
$590,000
$40,000
$60,000
$30,000
$375,000
$60,000
$60,000
$75,000
$255,000
$150,000
$30,000
$642,500
$45,000
$30,000
$225,000
$90,000
$60,000
$150,000
$330,000
$60,000
$105,000
$75,000
$37,500
$360,000
$60,000

CrashStat 2.0

MAP | DANGEROUS INTERSECTIONS | KNOWN ISSUES | FEEDBACK

Welcome to CrashStat 2.0!

When Transportation Alternatives launched Crashstat.org in 2004, it immediately became an indispensable resource for advocates, neighborhood groups and healthcare professionals in their fights for safer streets. For the first time, all New Yorkers had a way to see pedestrian and cyclist crashes in every neighborhood, enabling them to back up their first-hand experience of dangerous streets with comprehensive hard data. Crashstat.org is still the go-to source for street safety information.

Crashstat 2.0 is an updated and improved version of that ground breaking site. Journalists, planners, politicians and New Yorkers from every walk of life will once again have access to NYC's most up to date street safety resource.

Instructions for Using this Map

Year 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005

Crashes
- ☑ Pedestrian Injuries
- ☑ Pedestrian Fatalities
- ☑ Bicycle Injuries
- ☑ Bicycle Fatalities

Data Layers
- ☑ Facilities

Crashes for 1995 to 2005

Pedestrians Bicyclists

< 6
6 - 12
13 - 22
23 - 43
> 43

Crash data source: NYSDOT.

Instructions and Legend

NOTES FOR A PEOPLE's ATLAS of

CHICAGO

NOTES

EVERYTHING WE KNOW (AND MORE) ABOUT CHICAGO

by Jerome Grandfa
Veronica Schuber

Brooklyn FALAFEL

(theater of change)

What is it?
"Notes for a Peoples Atlas" is a a Chicago mapping and design project. "Notes" invites participants to fill in the blank outline of Chicago with individual and collective local knowledge, forgotten histories, ongoing debates, and changing definitions of urban space.
For archived maps and more info see:
chicagoatlas.areaprojects.com

Why maps?
Because power exists in space, struggle exists in space and we exist in space.
Because we cannot know where we are going if we do not know where we are from.

NOTES FOR A PEOPLE's ATLAS of

CHICAGO

My Map of How I joined The Chicago Outfit Roller Derby...

(5) I teach at an all-boys high school, & one of my students came up with my name: The Joan Ranger! (Thanks, Bo!) #14

Me as a kid

I grew up here in Portage Park (1) across from a public school (O. A. Thorpe) that had a great schoolyard for roller skating!

Lakeview: (3) Party at Miss Hair Salon – Derby girls know how to have fun!

January 2008: Whirlaway Bar in Logan Square (2) Mexican Jumping Mean was putting up a poster for a derby fund raiser party & said I should join the team.

Now I skate all over the (6) city & tell strangers about roller derby! (Chicago ♥s Roller Derby)

Summit (4) I was 20 minutes late for my first practice, but everyone was cool & nice ... I was happy about that because getting lost is frustrating!

Beverly: 93-year-old

LEGEND

(1) Childhood roller skating

NOTES

Now: We play roller derby in Logan Square at the Windy City Fieldhouse! www.chicagooutfitrollerderby.com

What is it?
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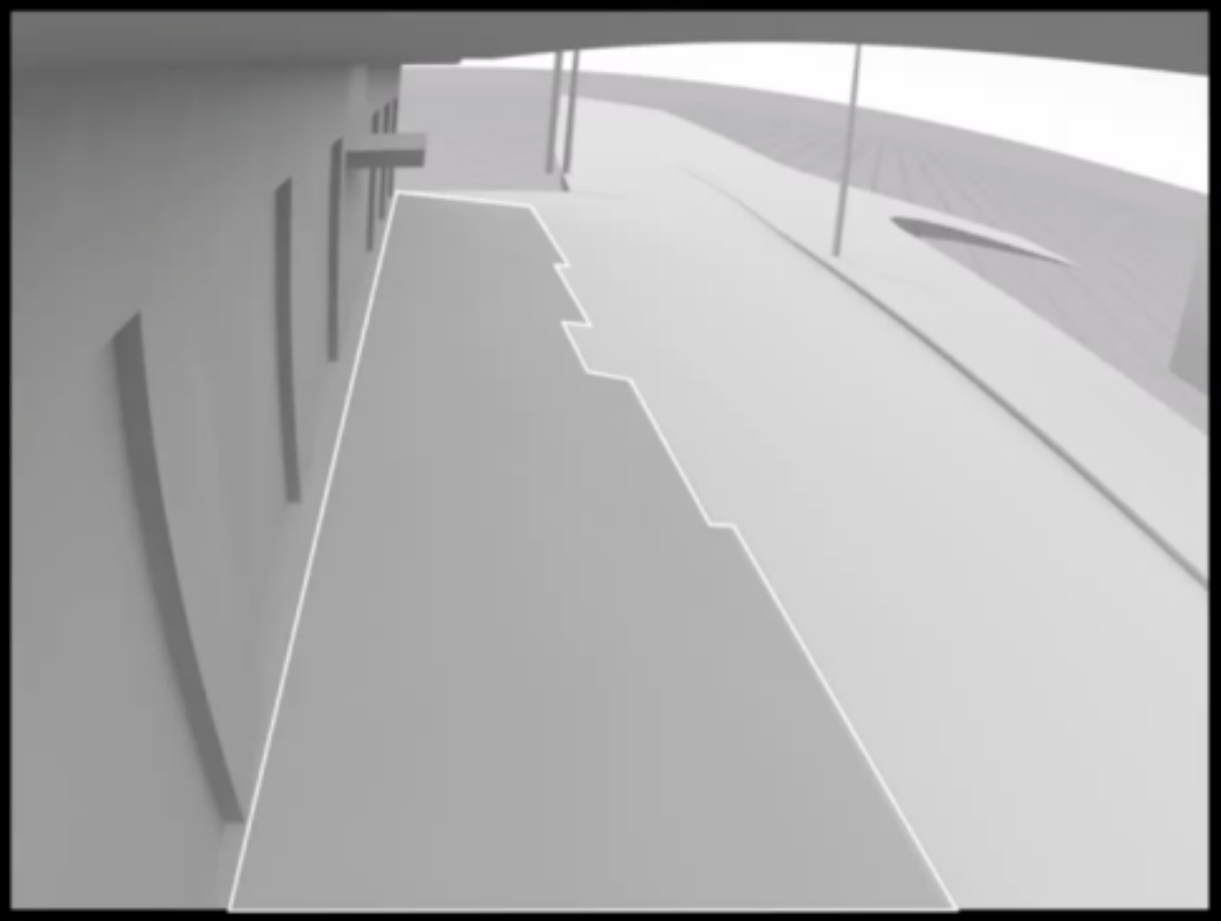
NOTES

The map is about Hospitals and Clinics in my area. I also have parks railroads in there too. I just don't have people hospitals I also have animal Hospitals. I learned while doing this map I learned that there is more animal hospitals than People Hospitals in my area.

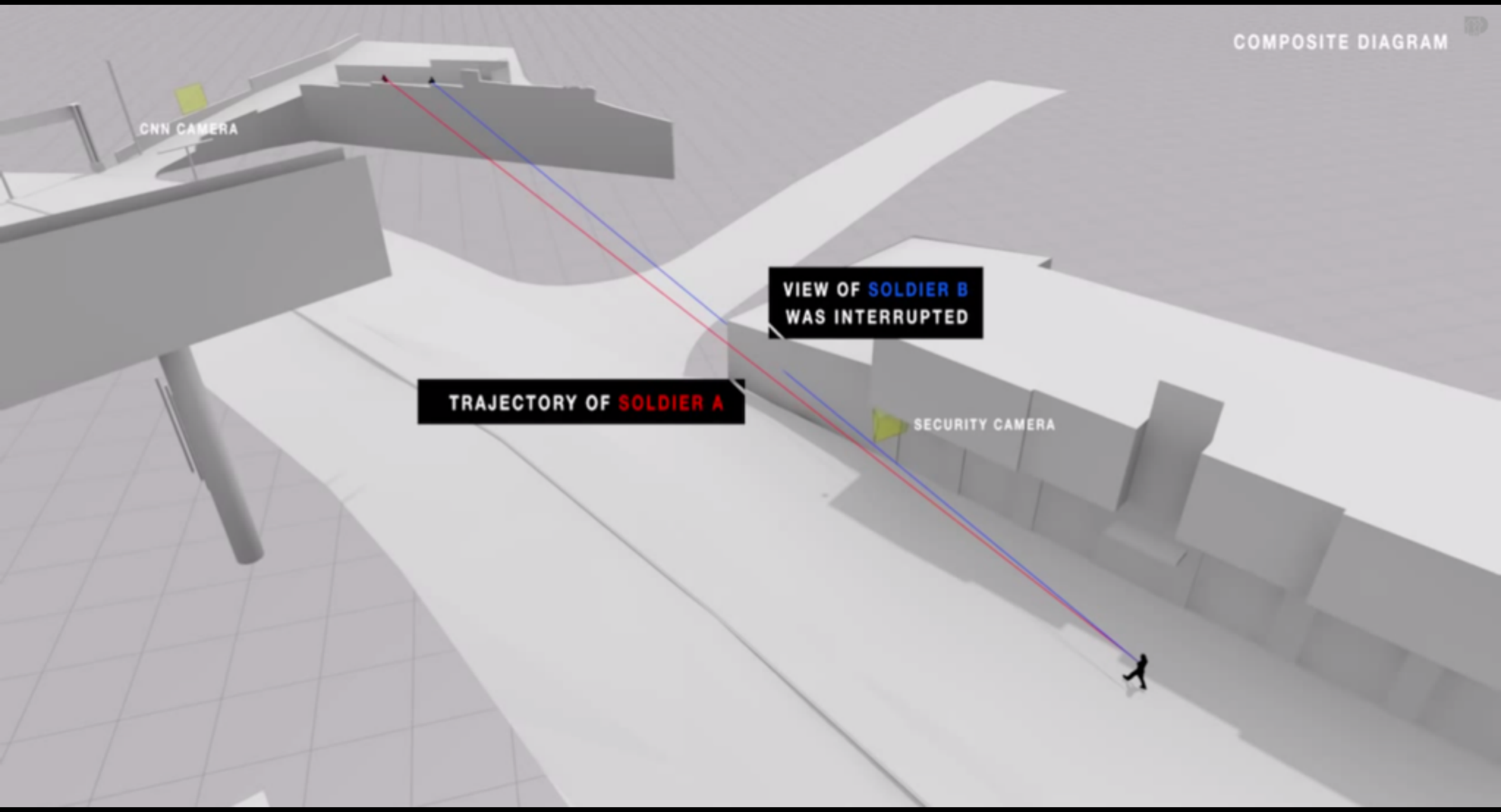
CCTV CAMERA 2 SHOWING NADEEM NAWARA

SHADOW CAST FOR 31° 53' 27"N / 35° 10' 25" E

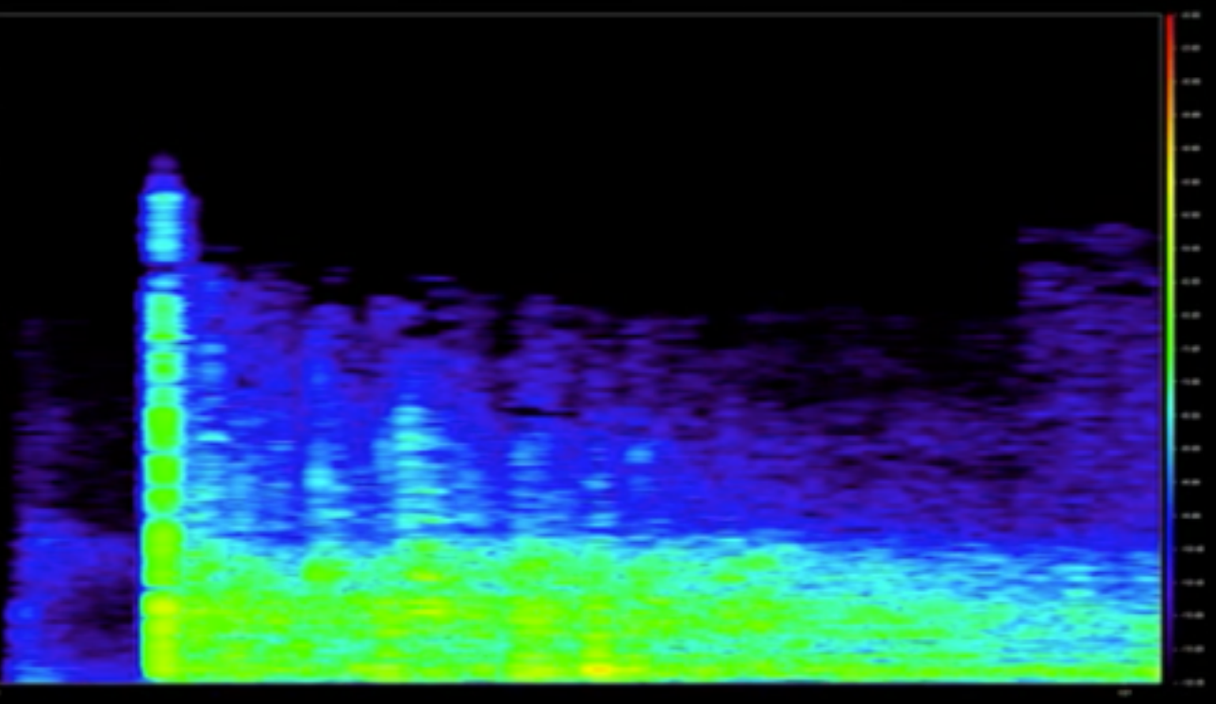


CAMERA MODEL: GENERIC
SENSOR: 36mm EQUIVALENT
FOCAL LENGTH: 27

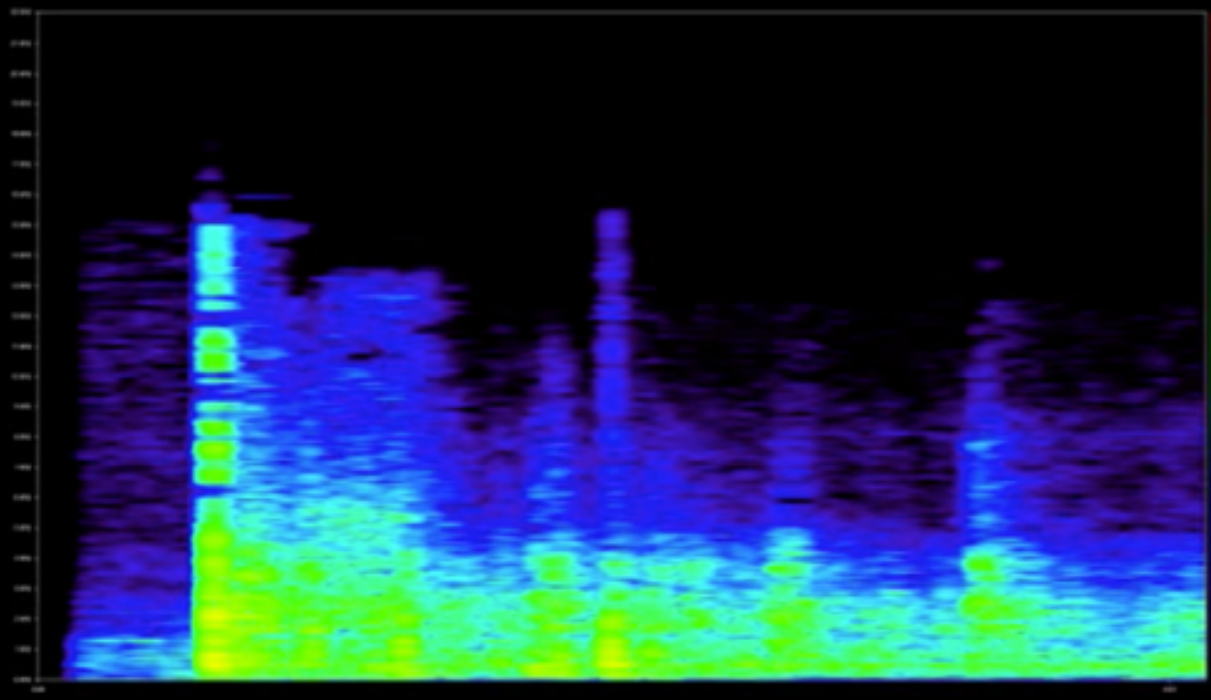
CAMERA MODEL: CCTV CAMERA / MODEL UNKNOWN
SENSOR: UNKNOWN
FOCAL LENGTH: UNKNOWN


COMPOSITE DIAGRAM
CNN CAMERA
VIEW OF SOLDIER B
WAS INTERRUPTED
TRAJECTORY OF SOLDIER A
SECURITY CAMERA

FIRST "LETHAL" SHOT // ASSUMED LIVE FIRE

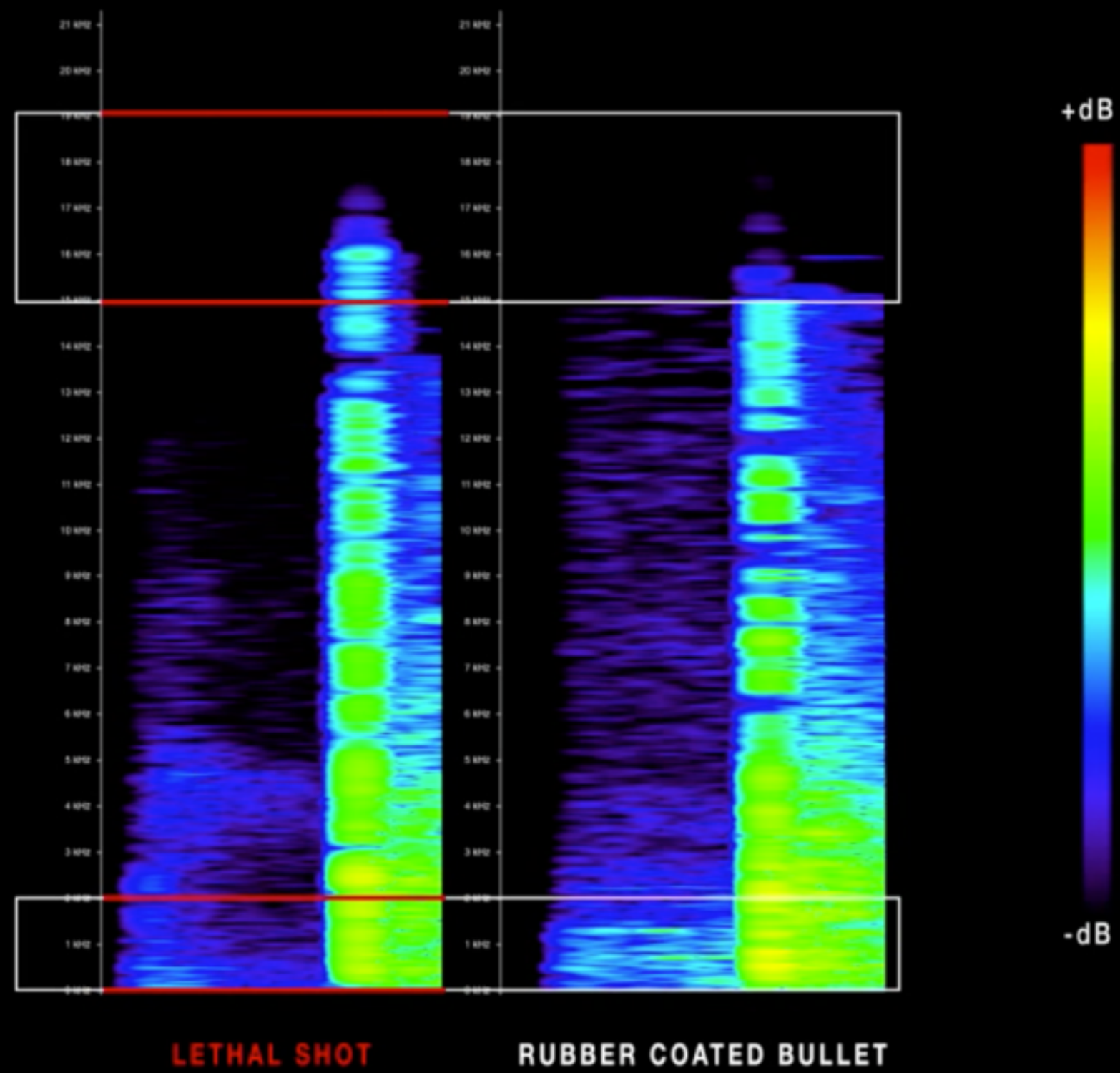


SECOND SHOT // ASSUMED RUBBER COATED BULLET



THE LETHAL SHOT IS LOUDER IN THE HIGHER FREQUENCIES

THE LETHAL SHOT IS NOT AS LOUD IN THE LOWER FREQUENCIES



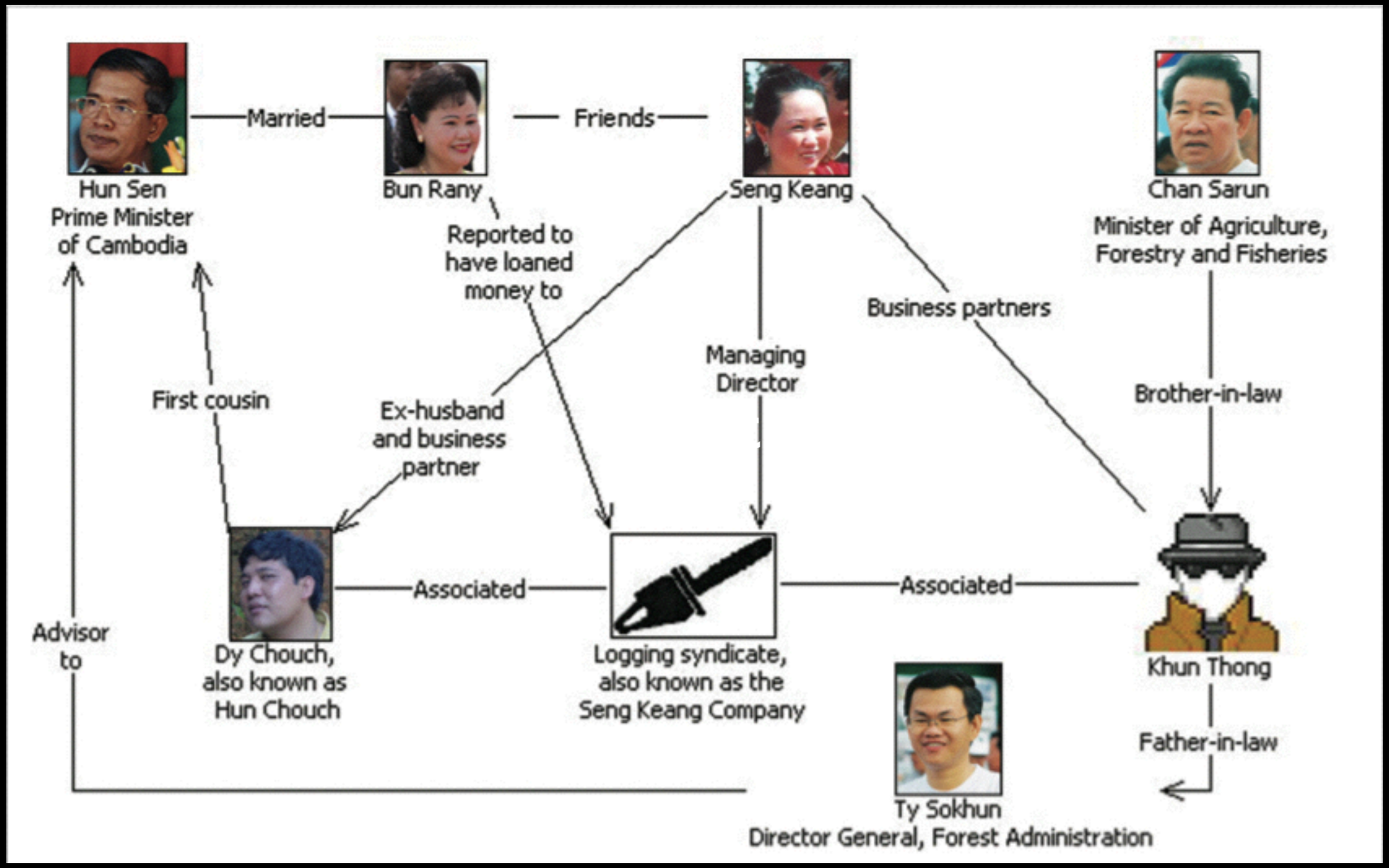
networks

Hermia &

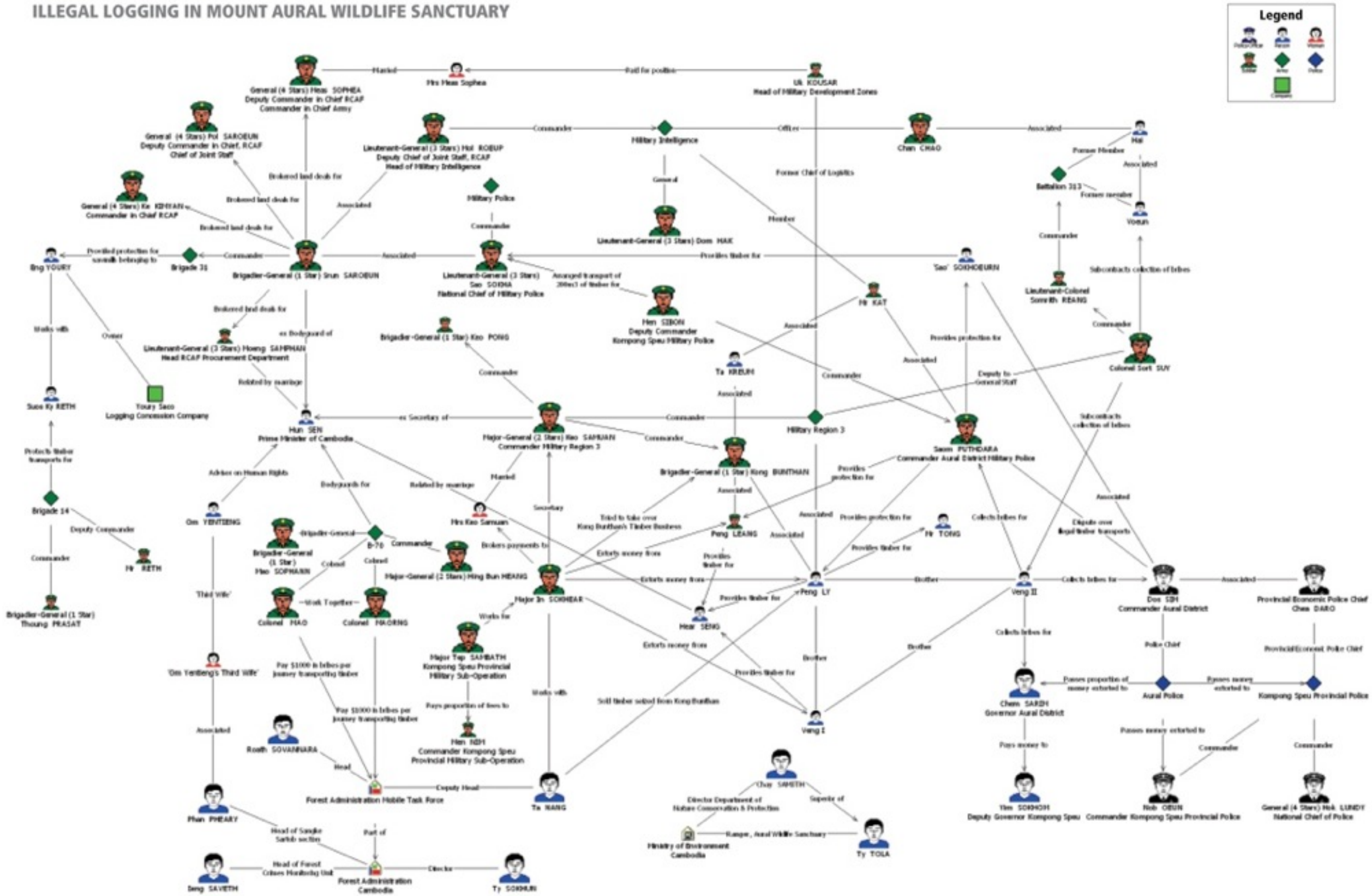
Helena &

Demetrius &

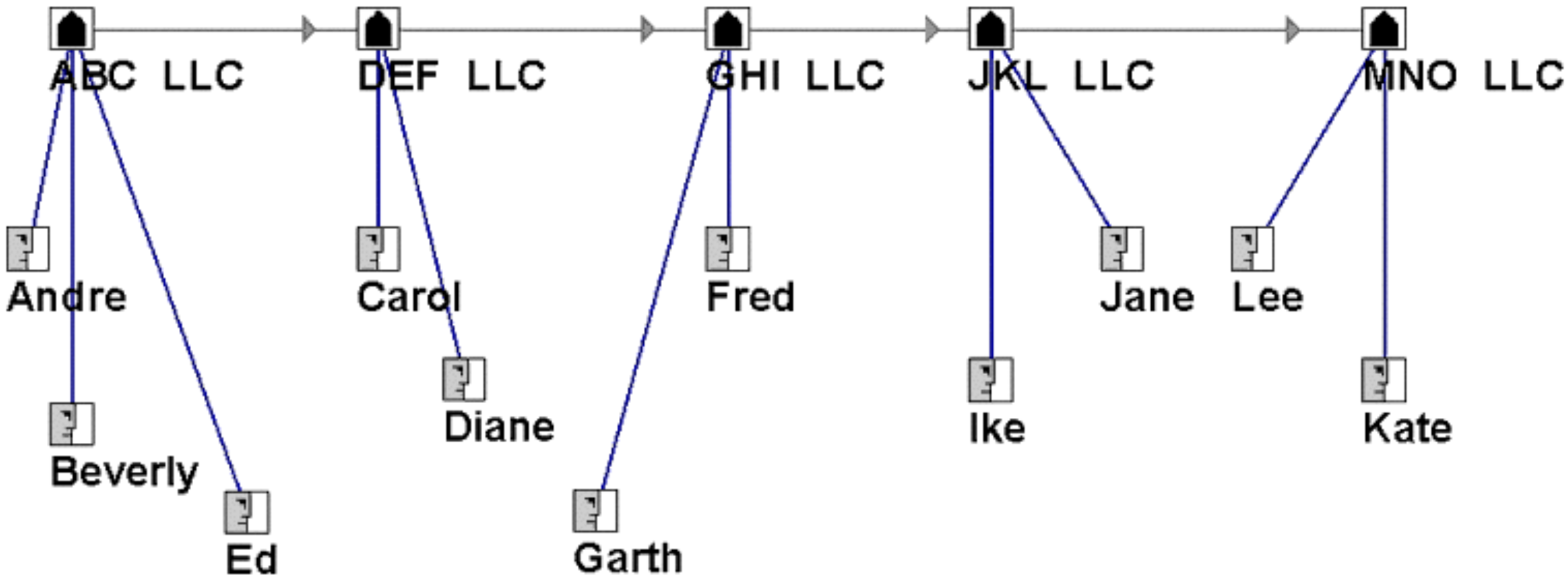
Lysander


Hun Sen
Prime Minister of Cambodia
Married
Bun Rany
Friends
Seng Keang
Chan Sarun
Minister of Agriculture, Forestry and Fisheries
Reported to have loaned money to
Business partners
Managing Director
First cousin
Ex-husband and business partner
Brother-in-law
Associated
Associated
Advisor to
Dy Chouch, also known as Hun Chouch
Logging syndicate, also known as the Seng Keang Company
Khun Thong
Father-in-law
Ty Sokhun
Director General, Forest Administration

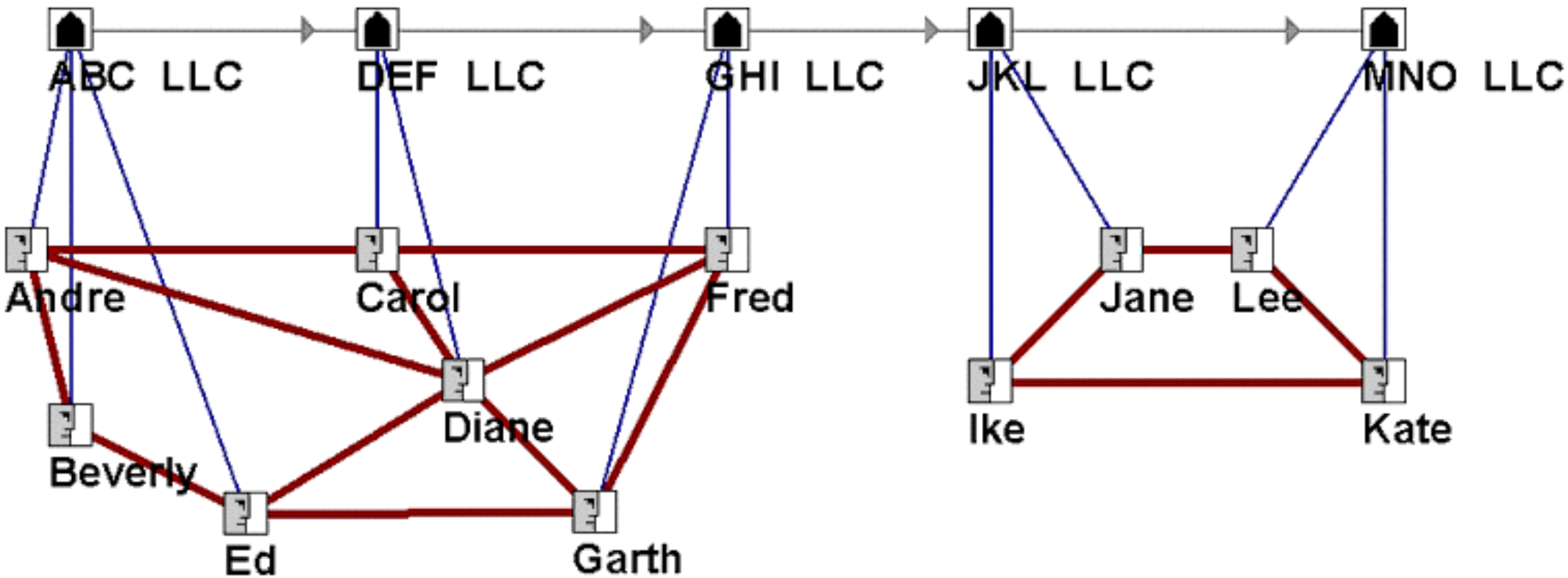
ILLEGAL LOGGING IN MOUNT AURAL WILDLIFE SANCTUARY



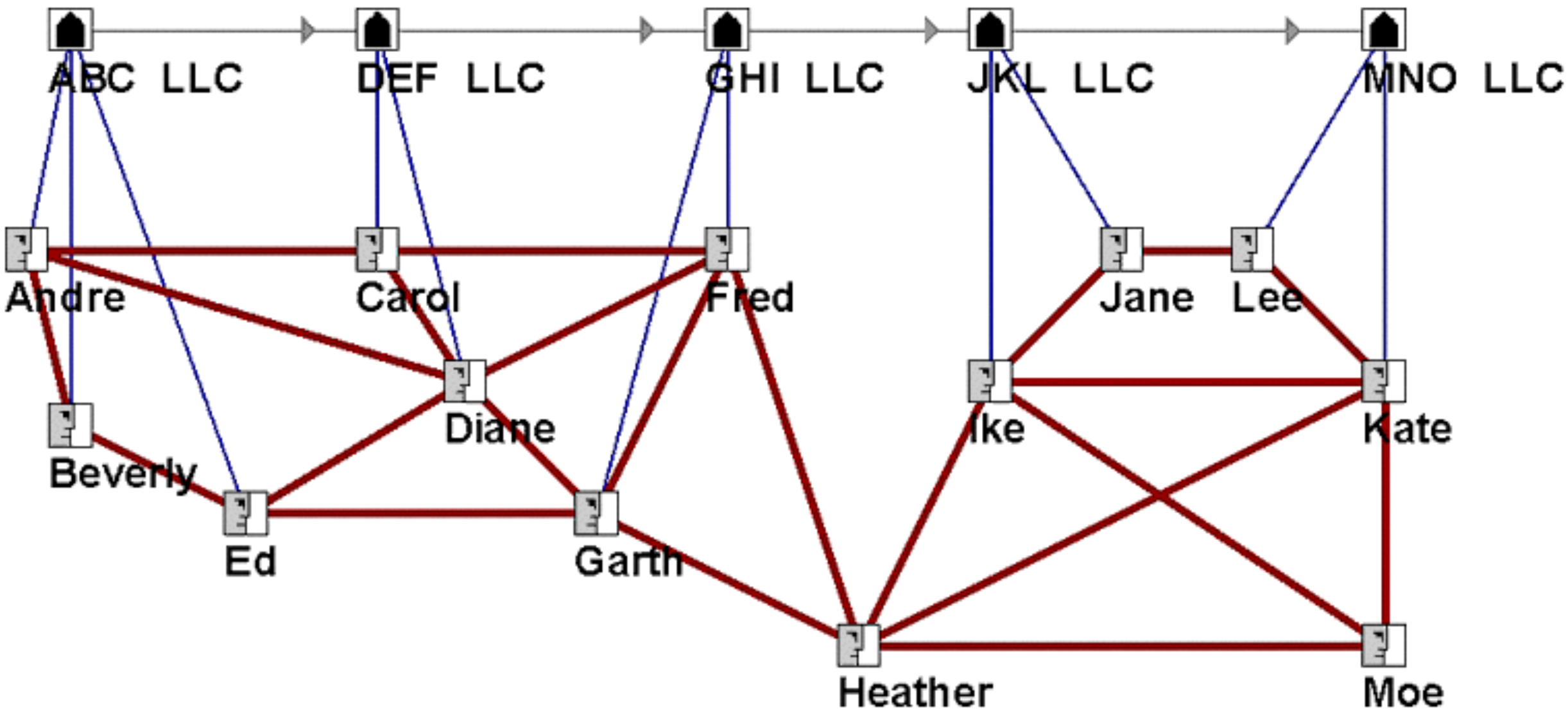
Source: http://www.orgnet.com/slumlords.html



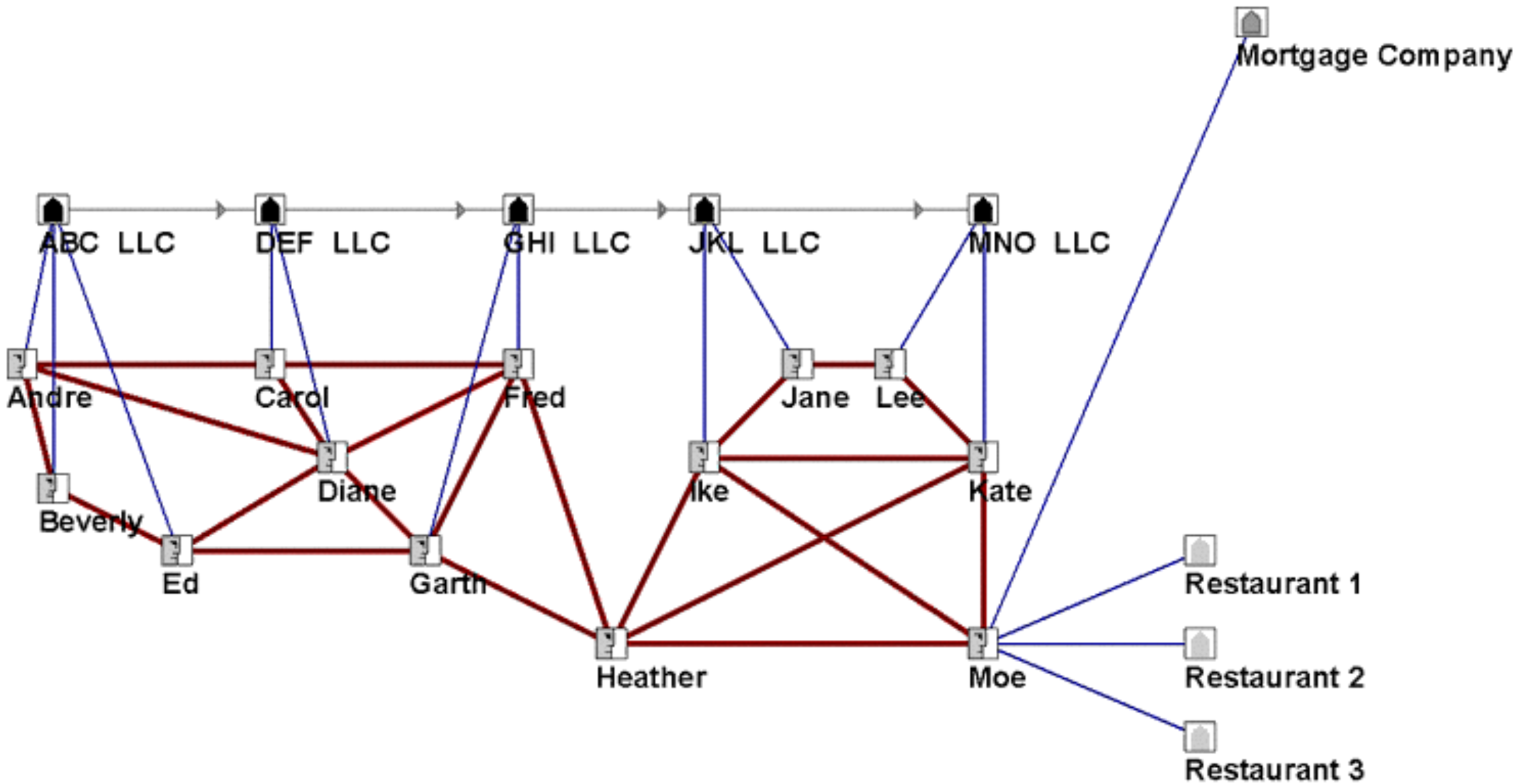
Source: http://www.orgnet.com/slumlords.html



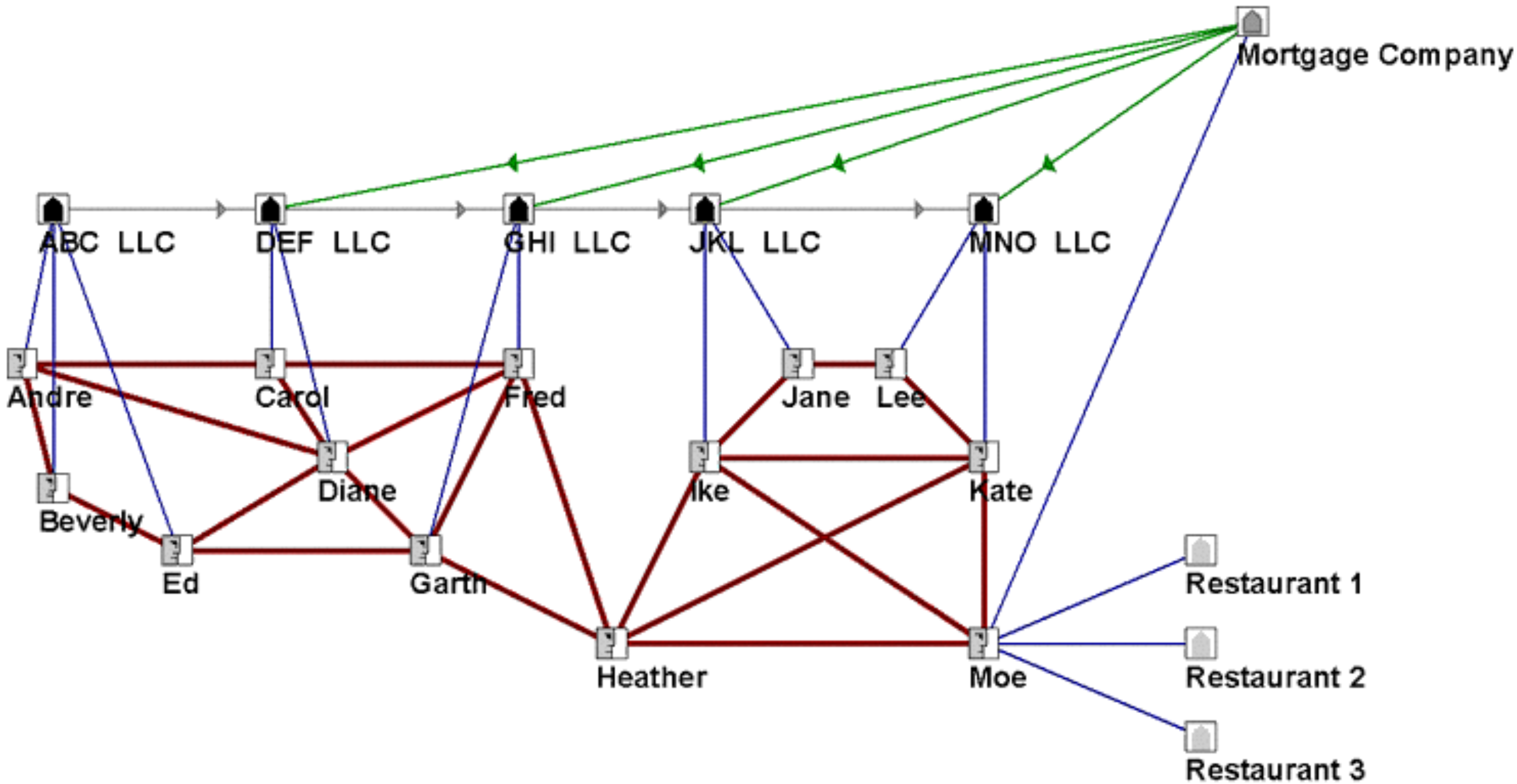
Source: http://www.orgnet.com/slumlords.html



Source: http://www.orgnet.com/slumlords.html



Source: http://www.orgnet.com/slumlords.html



Source: http://www.orgnet.com/slumlords.html

collaboration

MoveOn PAC™

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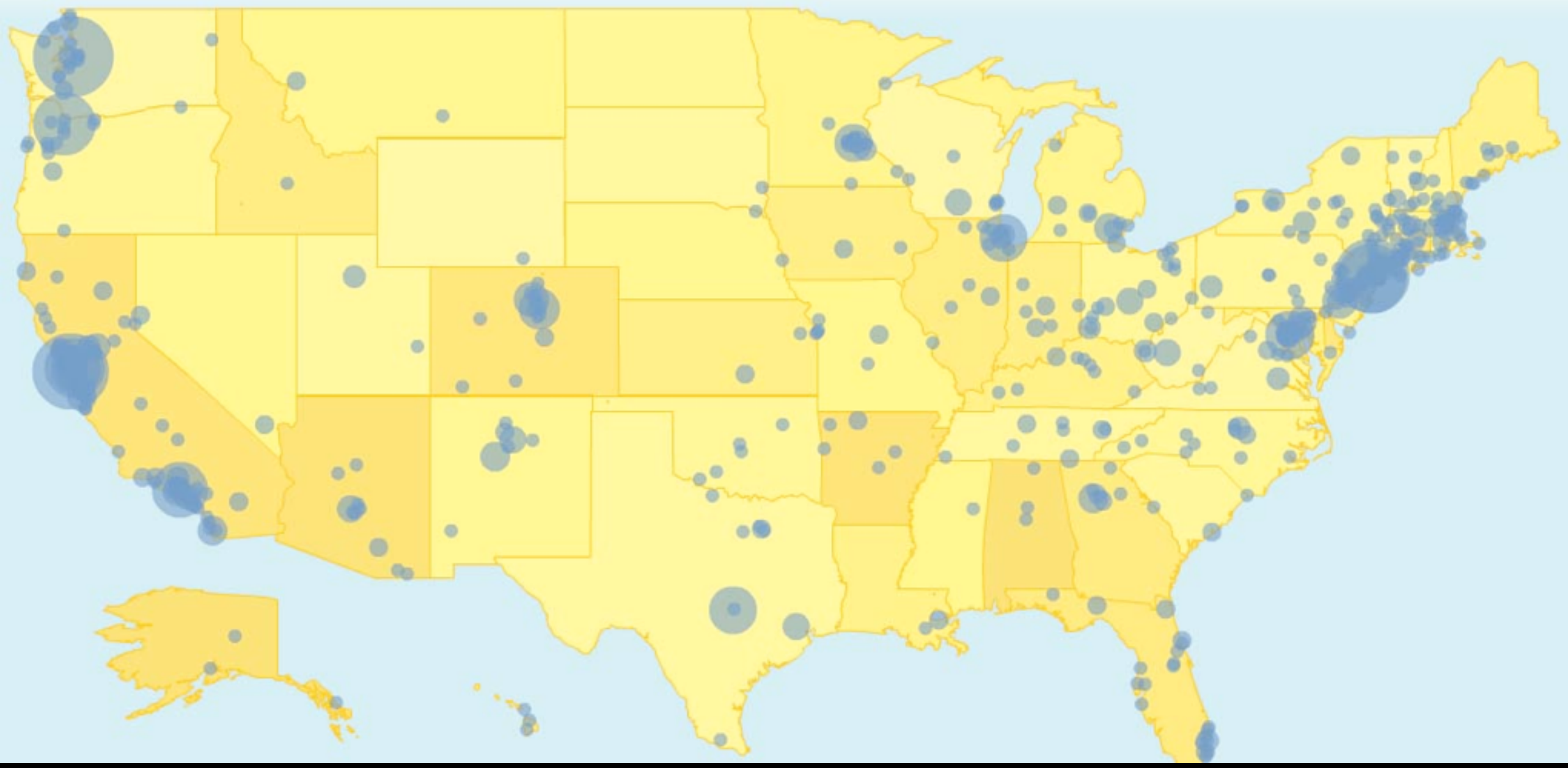
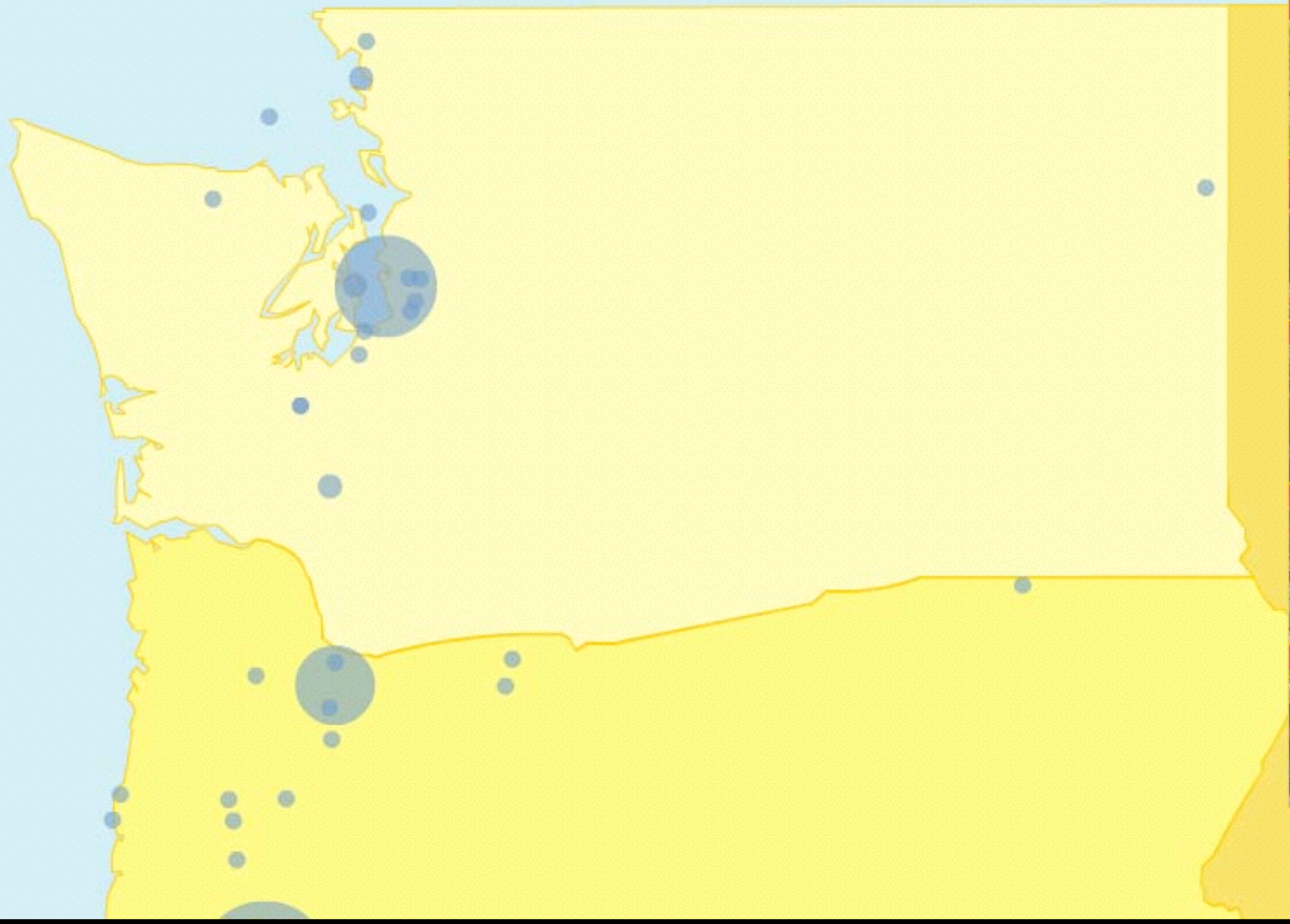


<< Zoom Back Out. Currently Selected: Washington



In Haiti? Text **4636** (International: **+44 762.480.2524**) on Digicel or Comcel with your **location and need**. Report emergencies and missing persons.

Haiti

The 2010 Earthquake in Haiti

Ushahidi-Haiti @ Tufts UNIVERSITY

Search Reports Here:

DOWNLOAD REPORTS (3576)

REPORTS RSS

Haitian Diaspora Community:
We need your help! Help Us Help Haiti »

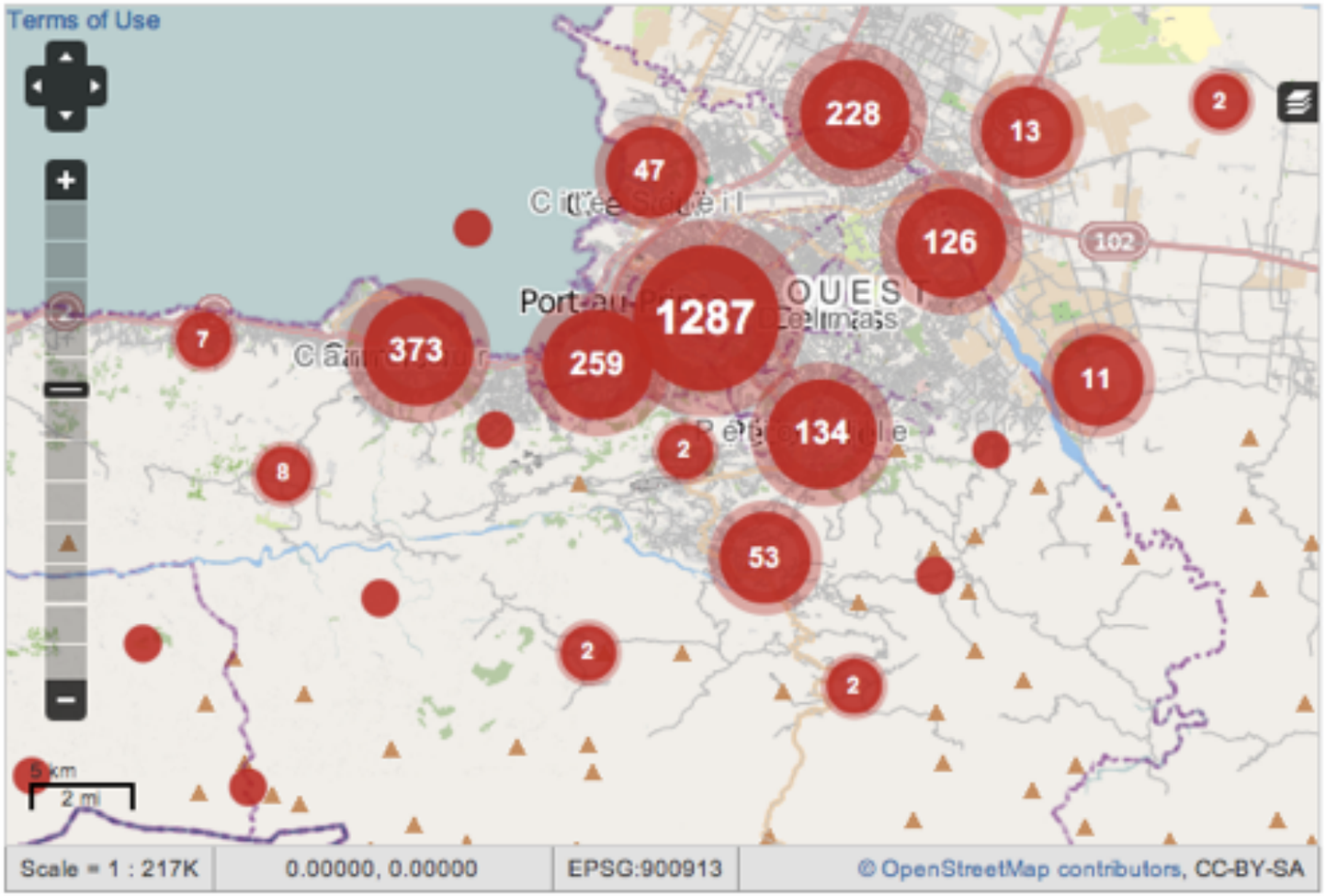
Announcement
Peace Dividend Marketplace can link you with goods and services in PAP: call 29 41 10 01

SUBMIT INCIDENT

HOME | REPORTS | SUBMIT INCIDENT | GET ALERTS | CONTACT US | HOW TO HELP | ABOUT

FILTERS → REPORTS NEWS PICTURES VIDEO TODO

VIEWS → CLUSTERS



TIMELINE OF EVENTS

From: Jan 12 2010 To: May 5 2010 PLAY

Jan Feb Mar Apr May

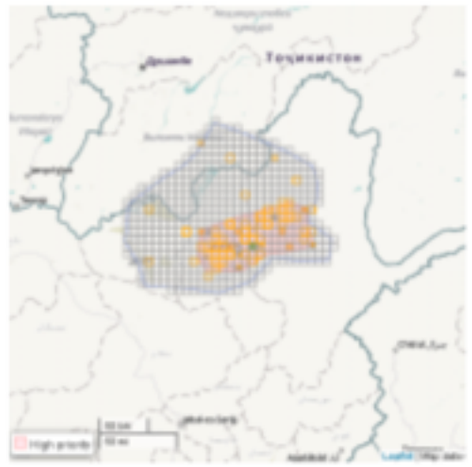
CATEGORY FILTER

- ALL CATEGORIES
- 1. URGENCES | EMERGENCY
- 2. URGENCES LOGISTIQUES | VITAL LINES
- 3. PUBLIC HEALTH
- 4. MENACES | SECURITY THREATS
- 5. INFRASTRUCTURE DAMAGE
- 6. NATURAL HAZARDS
- 7. SECOURS | SERVICES AVAILABLE
- 8. AUTRE | OTHER

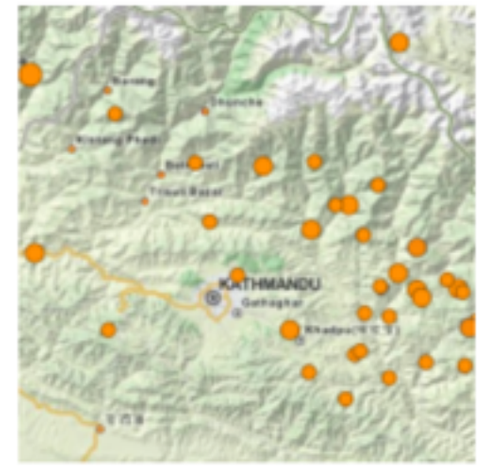
Ongoing projects

Disaster Mapping

Hurricane Patricia



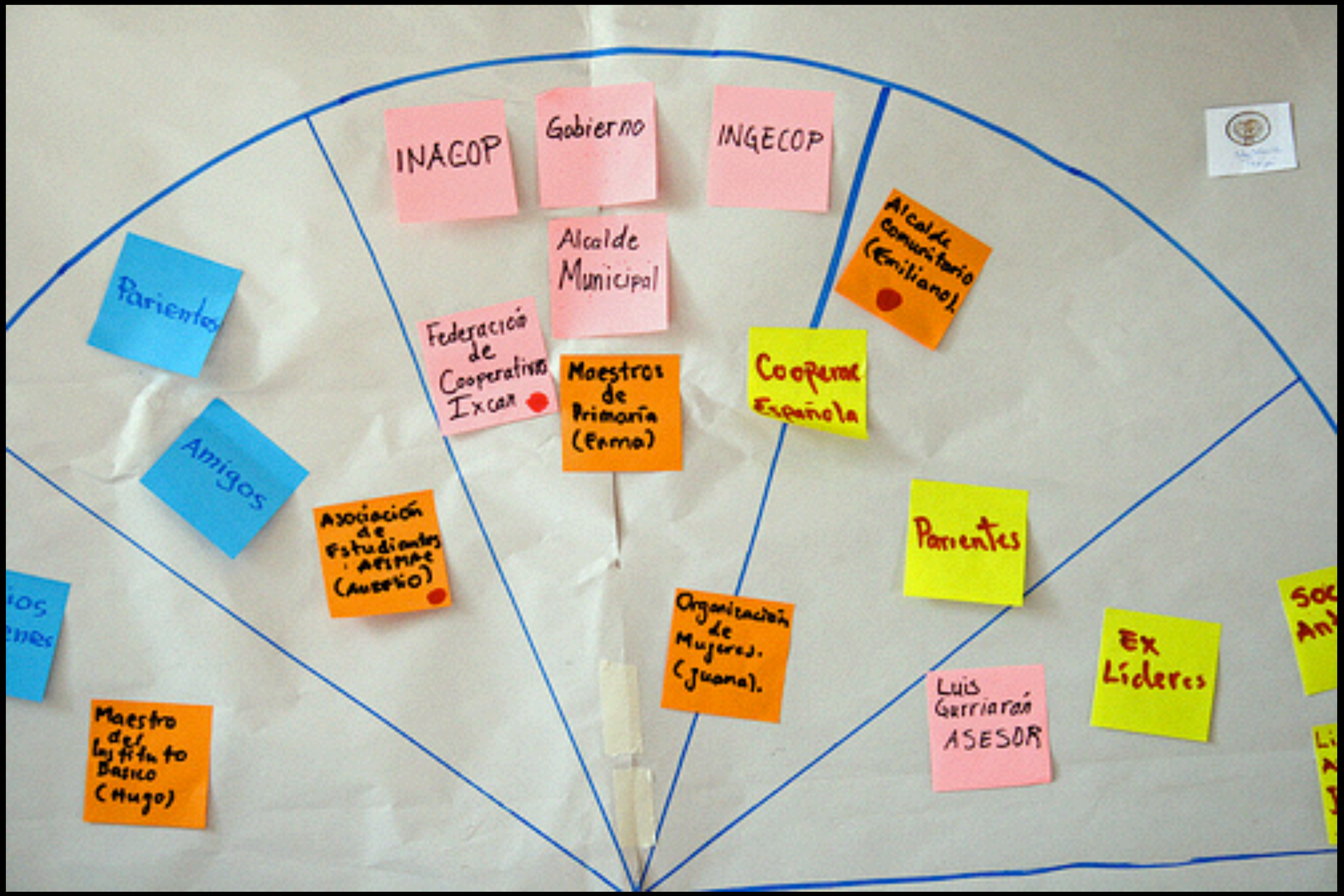
Eastern Afghanistan Earthquake



Nepal 2015 Earthquake Response

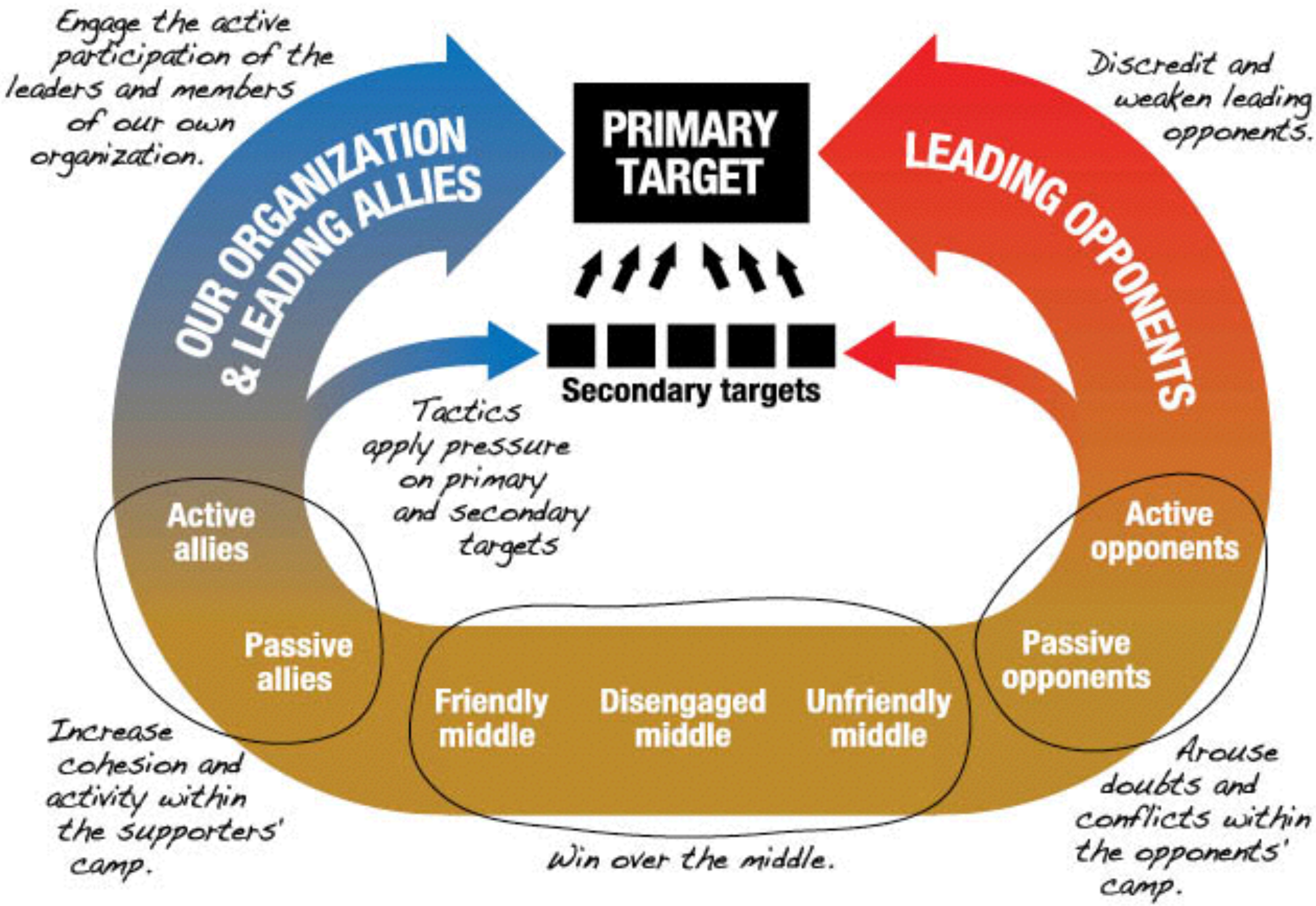
West Africa Ebola Epidemic

Central African Republic Activation

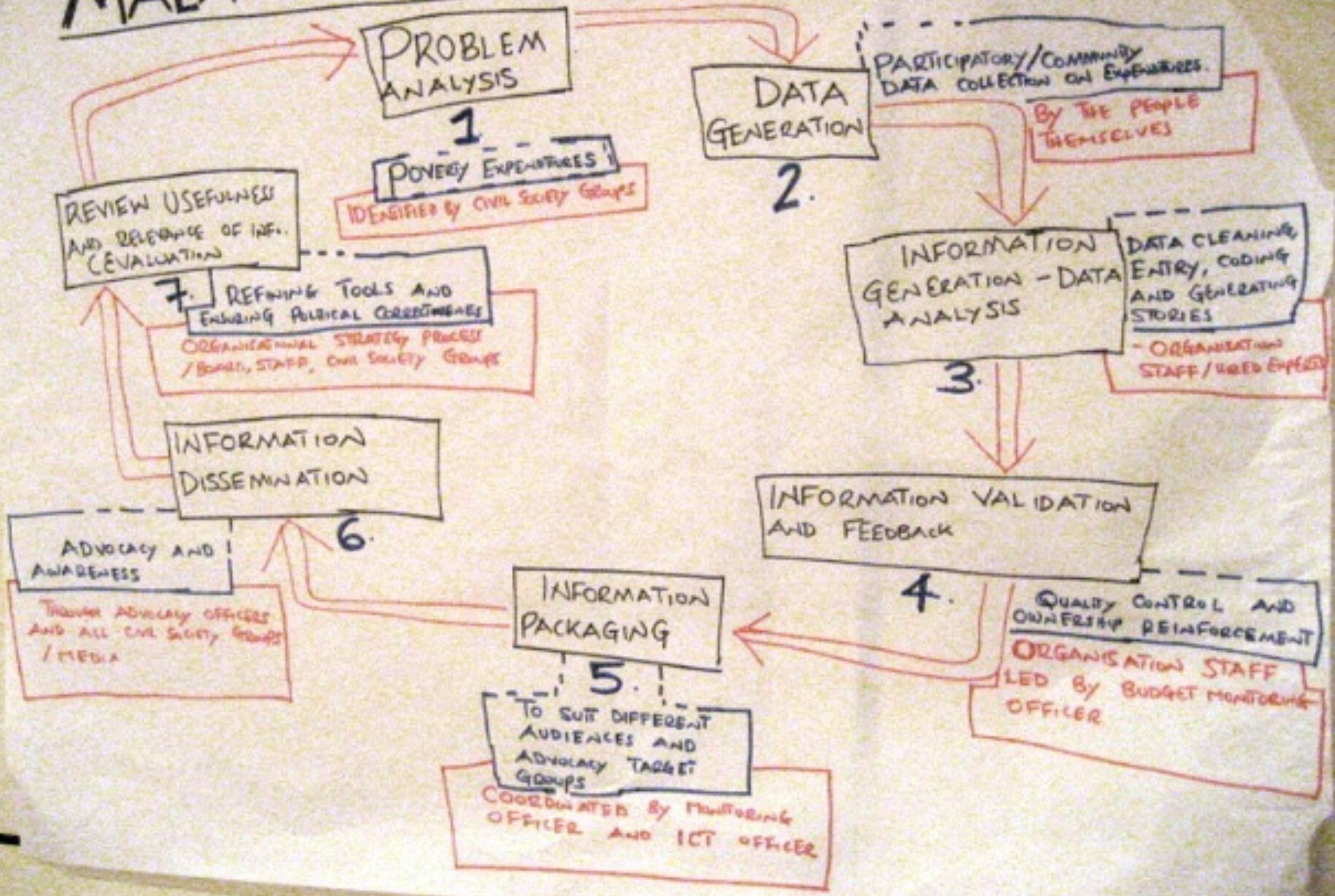


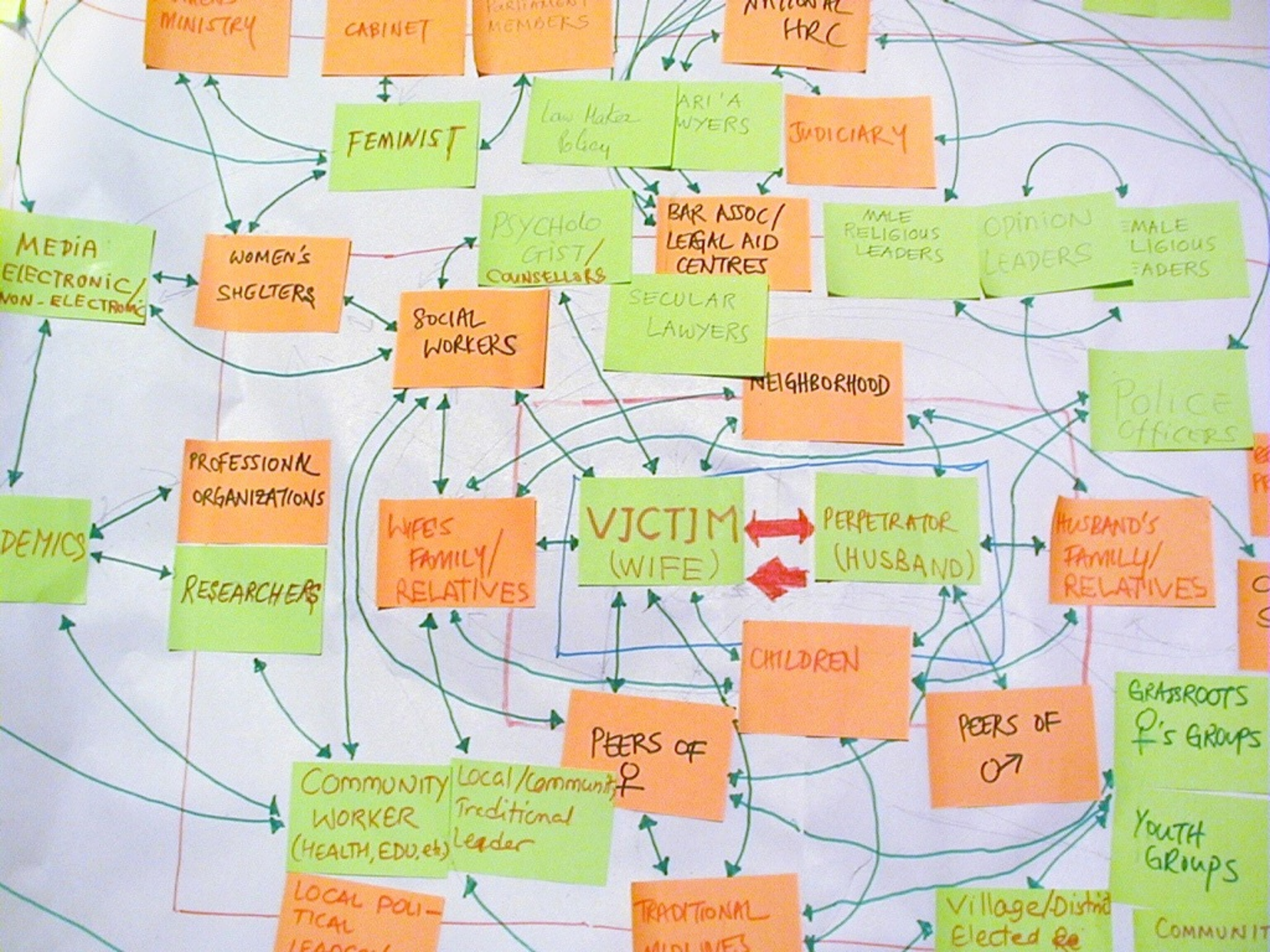
http://www.newtactics.org/en/tools/spectrum-of-allies

Spectrum of Allies and Opponents



MALAWI ECONOMIC JUSTICE NETWORK

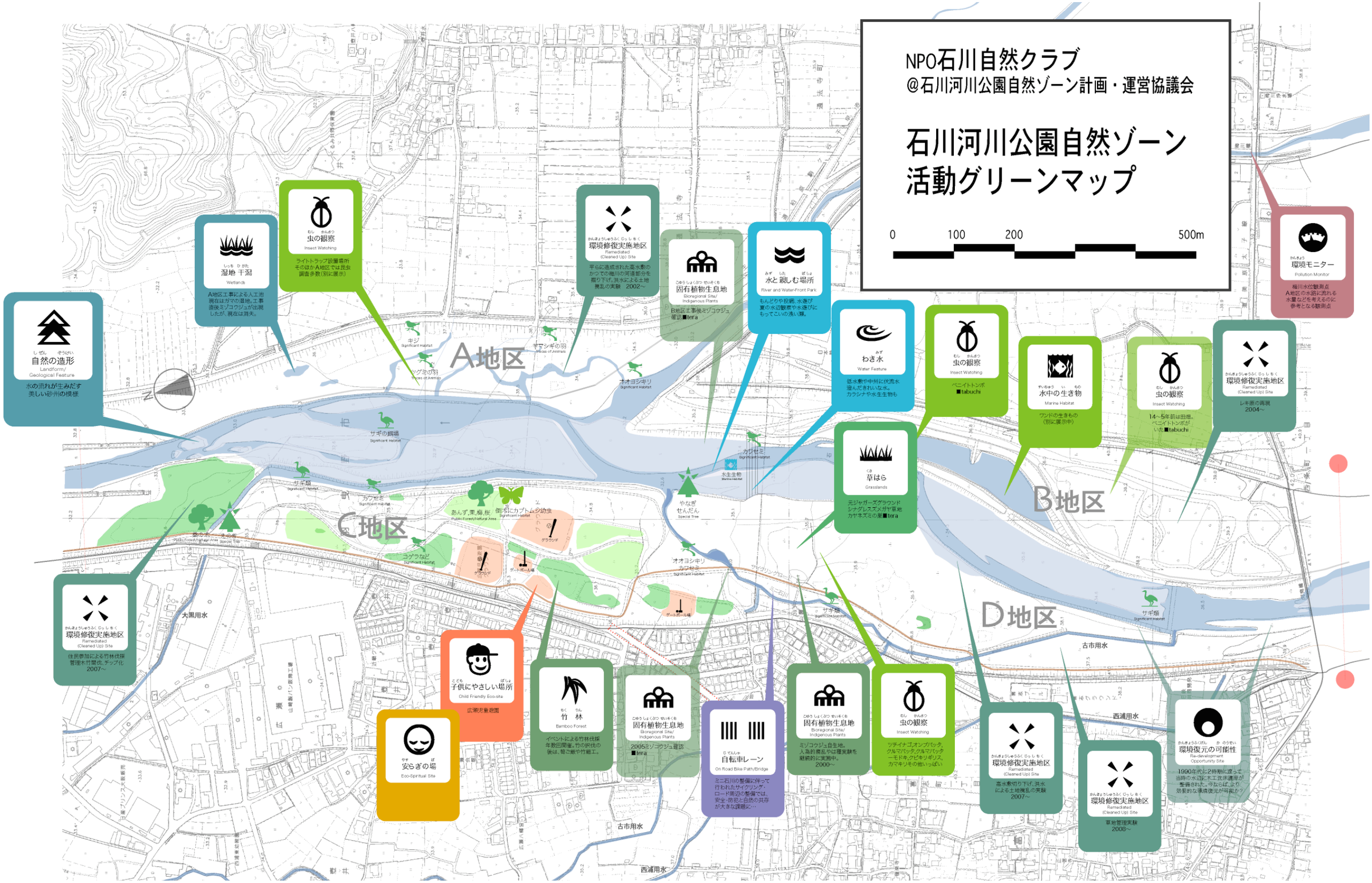



MINISTRY
CABINET
PARLIAMENT MEMBERS
NATIONAL HRC
FEMINIST
Law Maker Policy
ARI'A WYERS
JUDICIARY
MEDIA ELECTRONIC/ NON-ELECTRONIC
WOMEN'S SHELTERS
PSYCHOLOGIST/ COUNSELLORS
BAR ASSOC/ LEGAL AID CENTRES
MALE RELIGIOUS LEADERS
OPINION LEADERS
MALE LIGIOUS EADERS
SOCIAL WORKERS
SECULAR LAWYERS
NEIGHBORHOOD
Police Officers
PROFESSIONAL ORGANIZATIONS
DEMICS
RESEARCHERS
WIFES FAMILY/ RELATIVES
VICTIM (WIFE)
PERPETRATOR (HUSBAND)
HUSBAND'S FAMILY/ RELATIVES
CHILDREN
GRASSROOTS ♀'s GROUPS
PEERS OF ♀
PEERS OF ♂
COMMUNITY WORKER (HEALTH, EDU, etc)
Local/Community Traditional Leader
YOUTH GROUPS
LOCAL POLITICAL
TRADITIONAL MIDWIVES
Village/District Elected
COMMUNIT

NPO石川自然クラブ
@石川河川公園自然ゾーン計画・運営協議会

石川河川公園自然ゾーン 活動グリーンマップ

0 100 200 500m



Green Map® Icons
Version 3

GreenMap.org

Sustainable Living

GREEN ECONOMY

- Farmers/Local Market *
- Healthy Dining *
- Eco-Agriculture /Permaculture *
- Organic/Local Food *
- Eco-Products
- Green Enterprise *
- Green Store
- Local Business
- Reuse Shop/ Market
- Fair Trade
- Responsible Company
- Social Enterprise
- Ecotourism Resource
- Reuse
- Recycling *
- Rental/ Share
- Repair Shop

TECHNOLOGY & DESIGN

- Solar Energy Site *
- Wind Energy Site *
- Water Energy Site
- Water Recycling
- Geothermal/ Ground Heat Site
- Green Building *
- Green Roof
- Self-Built House
- Composting Site
- Scientific Research Site
- Green Technology
- Greenhouse Gas Reduction
- Energy Conservation
- Paper Reduction Site
- Green Cleaning

MOBILITY

- Bicycle Site *
- Bicycle Path
- Bicycle Path
- Bicycle Parking
- Pedestrian Friendly *
- Wheelchair Accessible
- Public/Mass Transportation *
- Bus Rapid Transit Light Rail/
- Water Transport
- Alternative Fuel/Vehicles *
- Park 'N Ride Facility
- Traffic Hazard *
- Caution Zone

HAZARDS & CHALLENGES

- Blight Site *
- Air Pollution
- Water Pollution Source
- Waste Dump *
- Contaminated Site *
- Brownfield Site
- Vulnerable Site *
- Habitat at Risk
- Deforestation
- Climate Changed Area
- Disaster Area
- Abandoned Site
- Unhealthy Spot
- Noise Pollution
- Airport
- Oil /Gas Facility
- Nuclear Facilities & Waste Site
- Mining Site

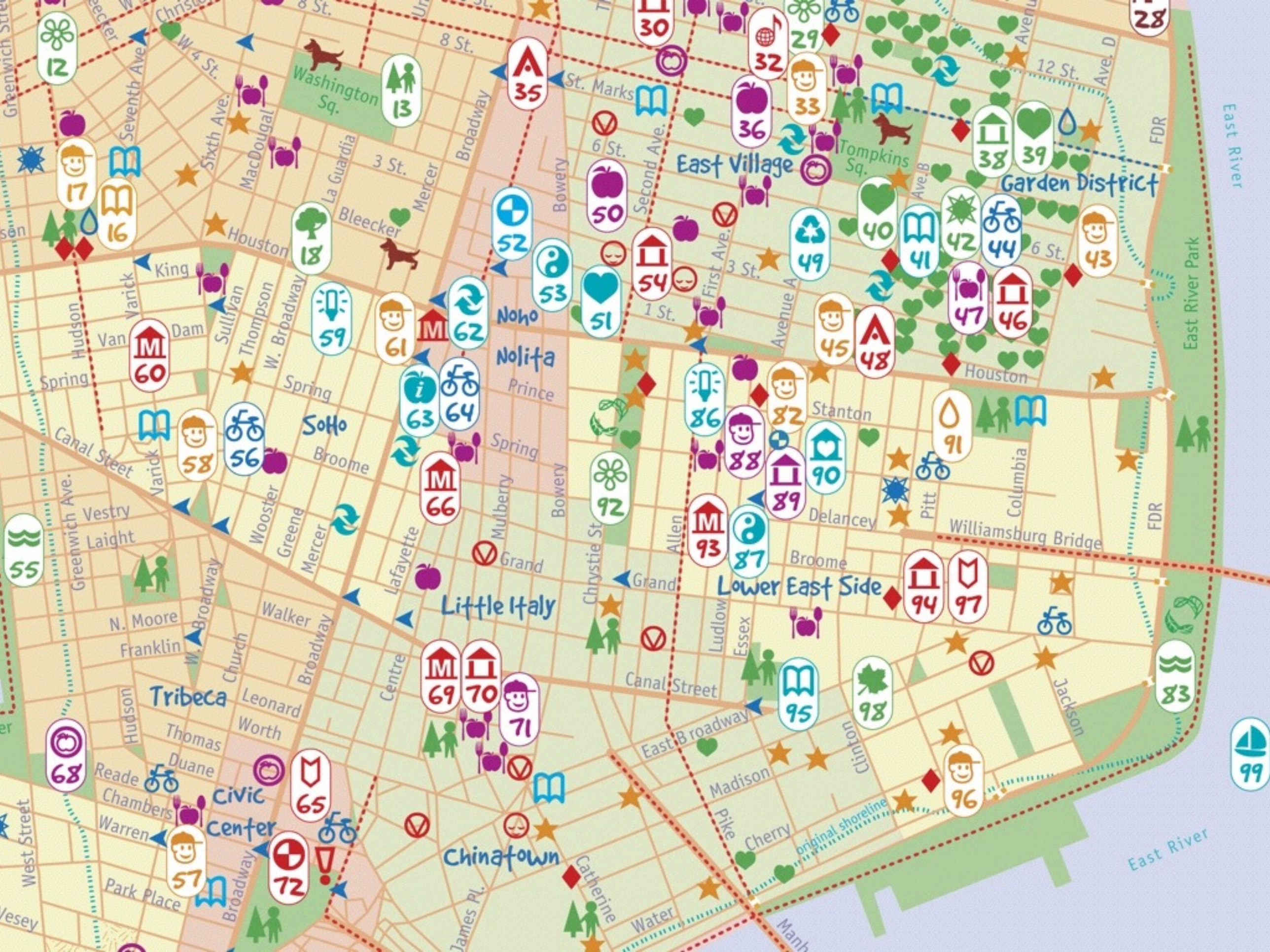
Nature

LAND & WATER

- Waterfront/ Riverside Park *
- Water Feature *
- Wetlands
- Drinking Water Source *
- Natural Corridor /Greenway
- Geological Feature

FLORA

- Public Forest/ Natural Area *
- Special Tree *
- Native Forest /Plants *
- Garden *
- Community Garden *
- Spring Blossoms


Washington Sq.
East Village
Garden District
Tompkins Sq.
Noho
Nolita
SoHo
Little Italy
Lower East Side
Tribeca
Civic Center
Chinatown
East River Park
East River
Greenwich Street
Seventh Ave.
Sixth Ave.
MacDougal
La Guardia
Broadway
Mercer
Bowery
Second Ave.
First Ave.
Avenue A
Avenue B
Avenue D
FDR
Houston
Bleecker
King
Varick
Hudson
Van Dam
Sullivan
Thompson
W. Broadway
Spring
Canal Street
Broome
Grand
Prince
Mulberry
Lafayette
Chrystie St
Allen
Ludlow
Essex
Delancey
Pitt
Columbia
Williamsburg Bridge
Stanton
Houston
Vestry
Laight
Greenwich Ave.
Wooster
Greene
N. Moore
Franklin
Walker
Church
Centre
Leonard
Worth
Thomas
Duane
Reade
Chambers
Warren
West Street
Park Place
Vesey
James Pl.
Catherine
Water
Madison
Pike
Cherry
East Broadway
Clinton
Jackson
original shoreline
8 St.
W 4 St.
St. Marks
6 St.
3 St.
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12 St.
Ave. D
East River

55	76	16	84	41	61	1	72	32	59
79	62	80	81	26	88	38	93	88	76
8	32	90	89	51	83	17	56	33	69
17	90	55	69	85	66	62	6	62	77
65	15	12	19	92	60	92	13	60	81
19	53	96	7	68	11	41	70	45	25
5	77	95	23	51	60	83	44	33	93
93	84	3	71	18	81	32	6	54	35
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99	34	74	18	83	49	91	22	52	57
64	24	60	4	93	23	98	57	11	72
12	58	31	28	58	32	15	77	82	18
63	41	7	24	46	45	98	60	73	88
31	88	86	15	38	22	61	58	48	34

55	76	16	84	41	61	1	72	32	59
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99	34	74	18	83	49	91	22	52	57
64	24	60	4	93	23	98	57	11	72
12	58	31	28	58	32	15	77	82	18
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31	88	86	15	38	22	61	58	48	34

encoding

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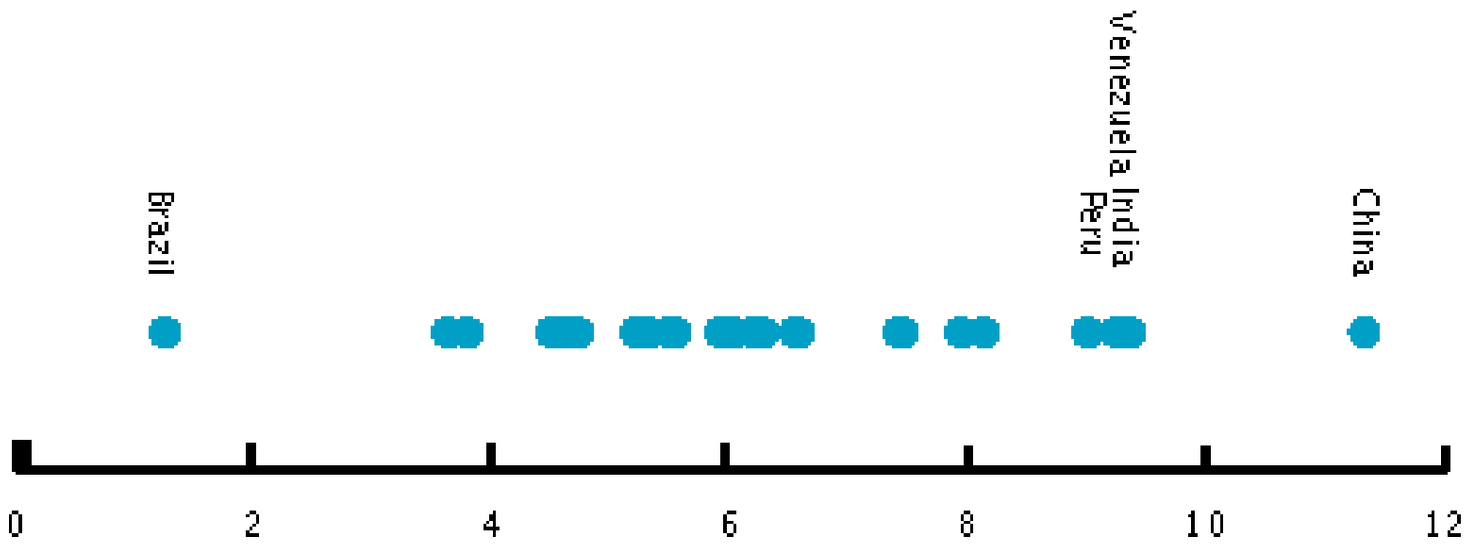
combine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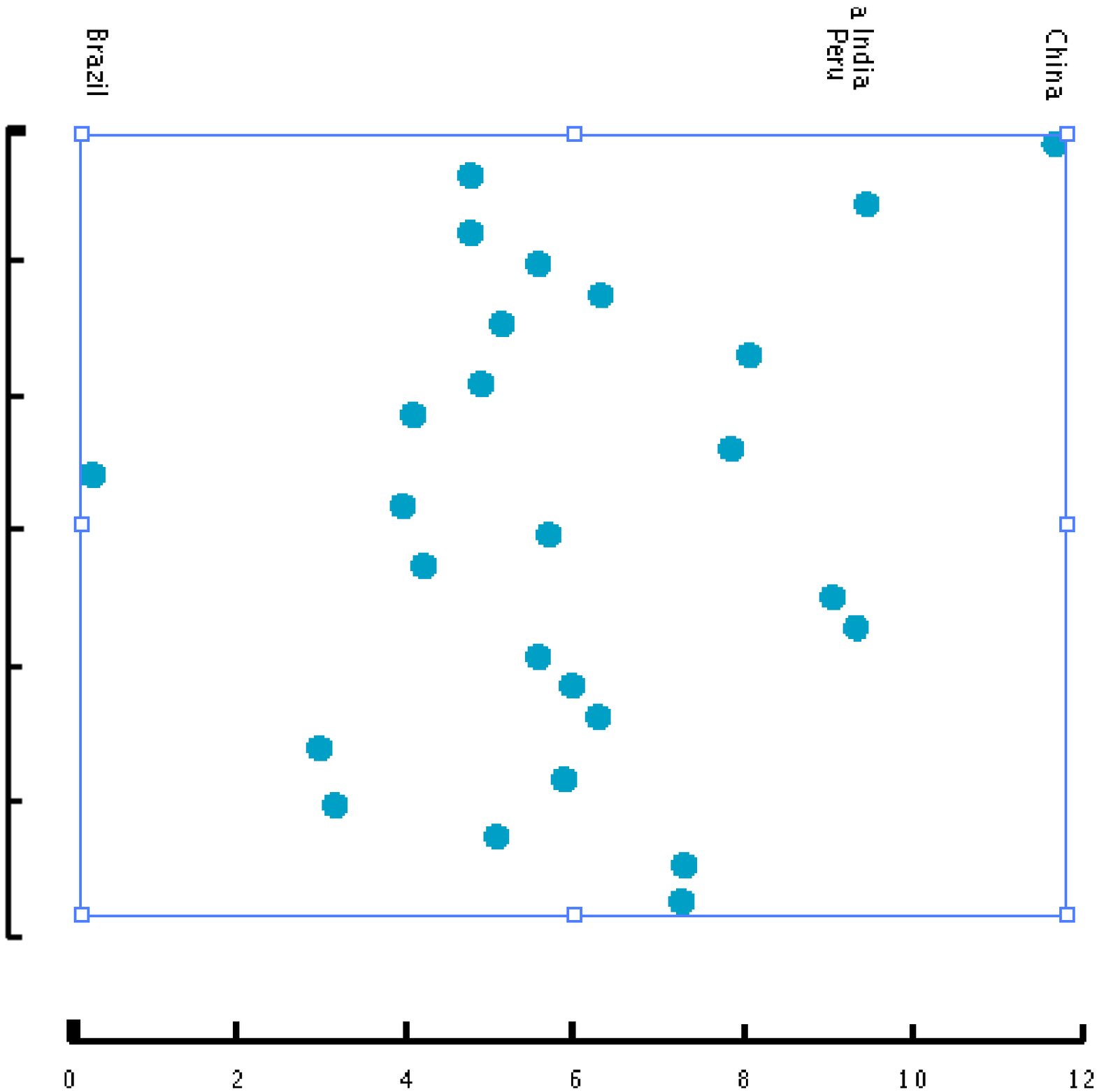
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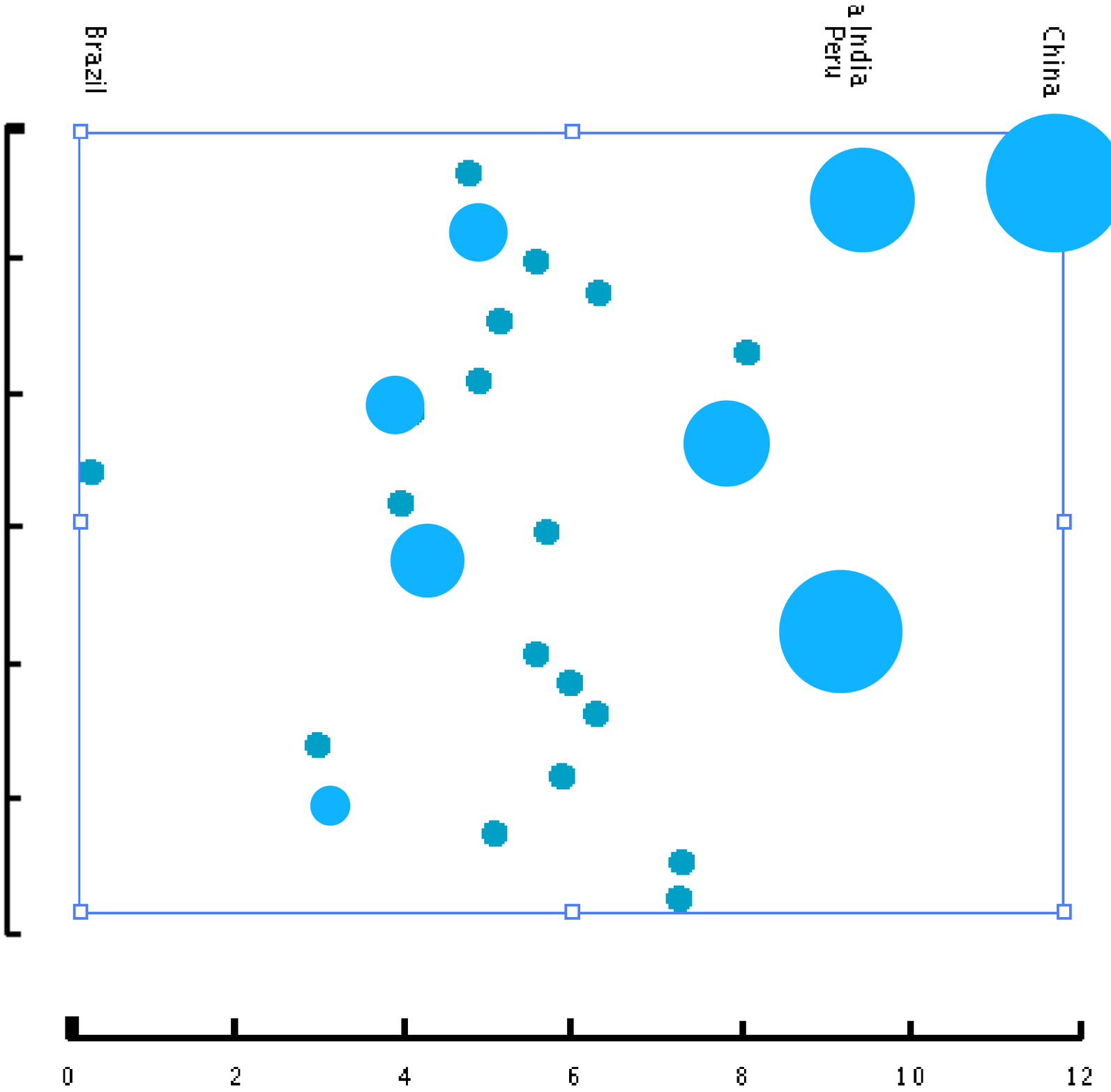
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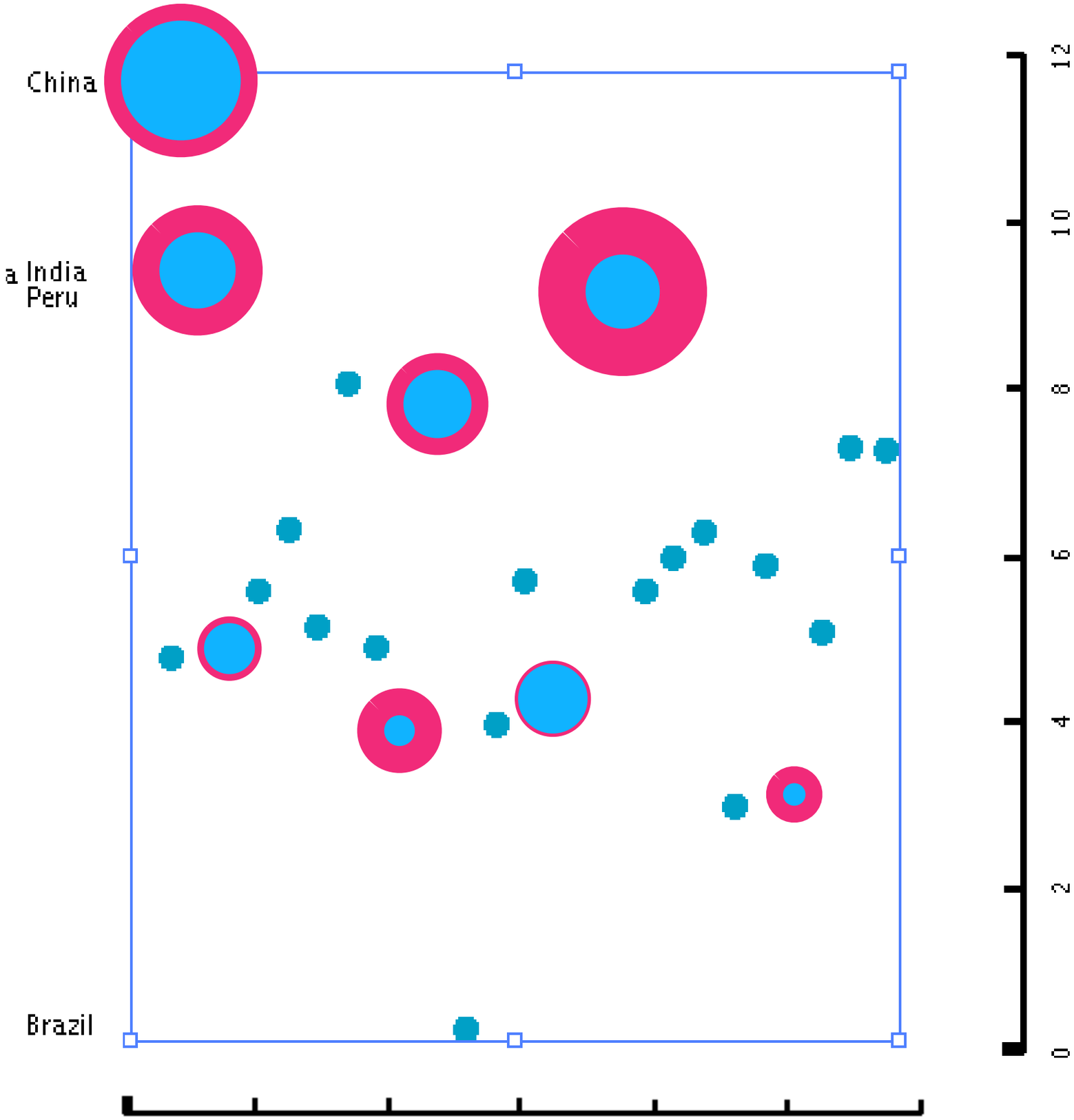
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visual properties

ELECTION RESULTS BY TIMES BUILDING FLASH

Steady Light Westward—Roosevelt; Eastward—Parker.

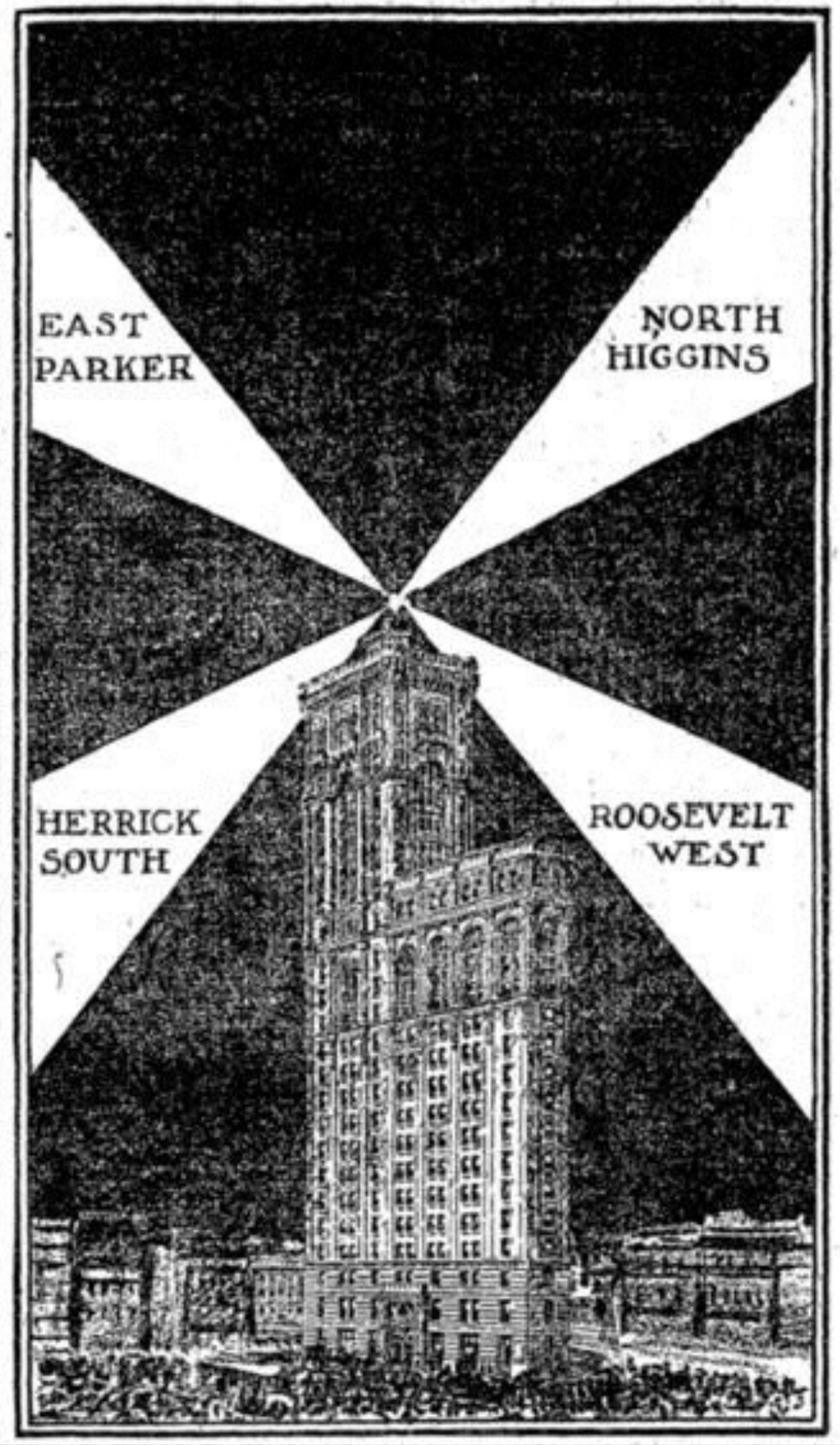
VISIBLE FOR THIRTY MILES

State and Congress Elections Also to be Shown from Lofty Tower—Bulletins in Times Square and Harlem.

From the top of the tower of its new building in Times Square THE TIMES on Tuesday night will announce by searchlight signals the result of the Presidential election, the contest in New York State for Governor, and the political complexion of the new House of Representatives. On account of the great height of the Times Building, the signal station being over 412 feet above tidewater, the signals will be readily distinguishable anywhere within a radius of thirty miles from Times Square.

The searchlight will throw a shaft of white light, and the results will be indicated as follows by the direction:

TIMES BUILDING FLASHLIGHT ELECTION BULLETIN CODE.



NOVEMBER 6, 1904

SEARCHLIGHT WILL FLASH THE NEWS OF STATE AND CITY CONTESTS.

Tammany carries New York County—Steady flash to North.

Fusionists carry New York County—Steady flash to South.

Democrats carry Kings County—Steady flash to West.

Fusionists carry Kings County—Steady flash to East.

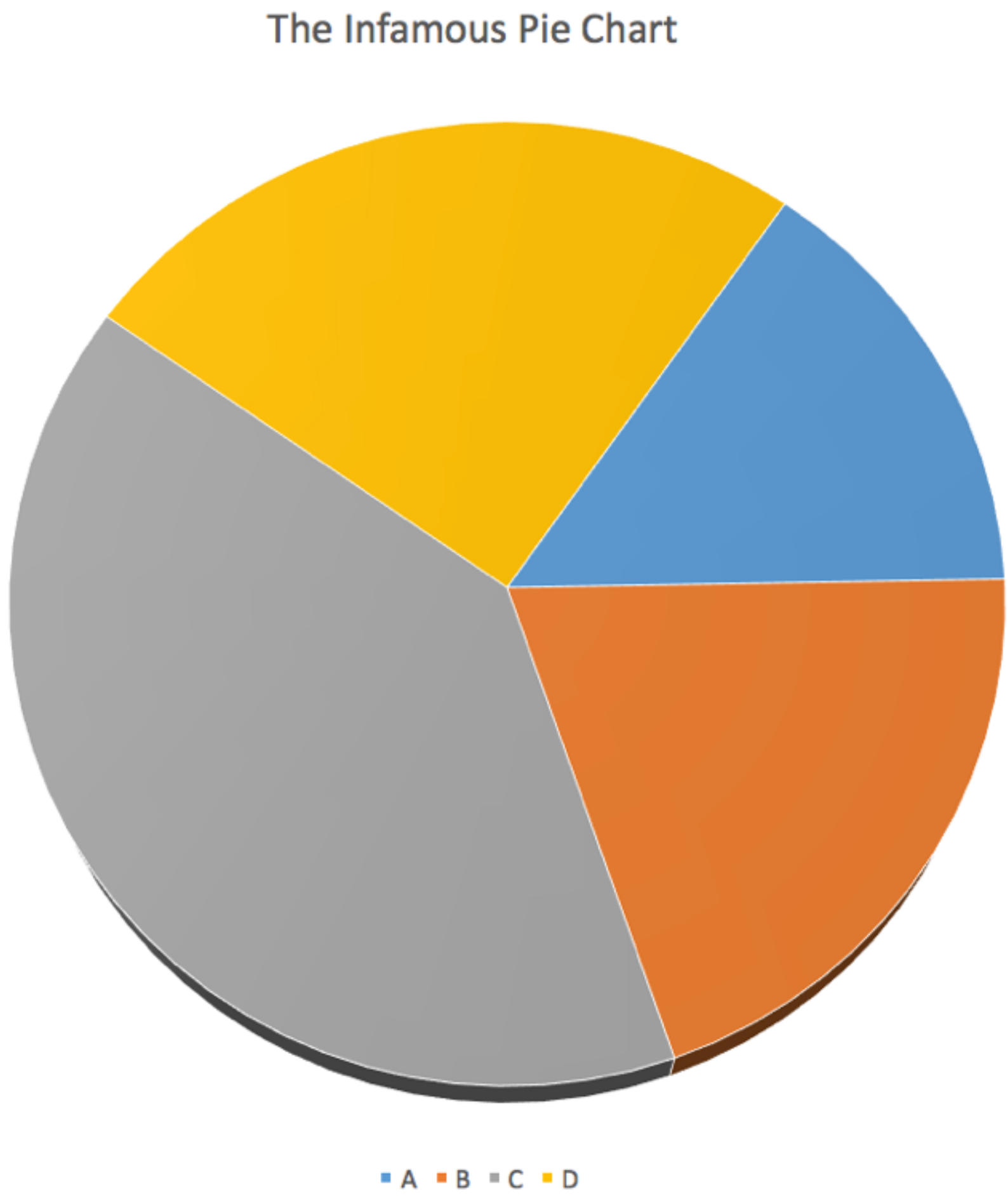
Democrats carry Queens County—Flash North, swinging East and West.

Fusionists carry Queens County—Flash South, swinging East and West.

Democratic majority in the Assembly—Flash West, swinging North and South.

Republican majority in the Assembly—Flash East, swinging North and South.

perception


The Infamous Pie Chart
A
B
C
D

difference

vs

absolute

location,
location,
location

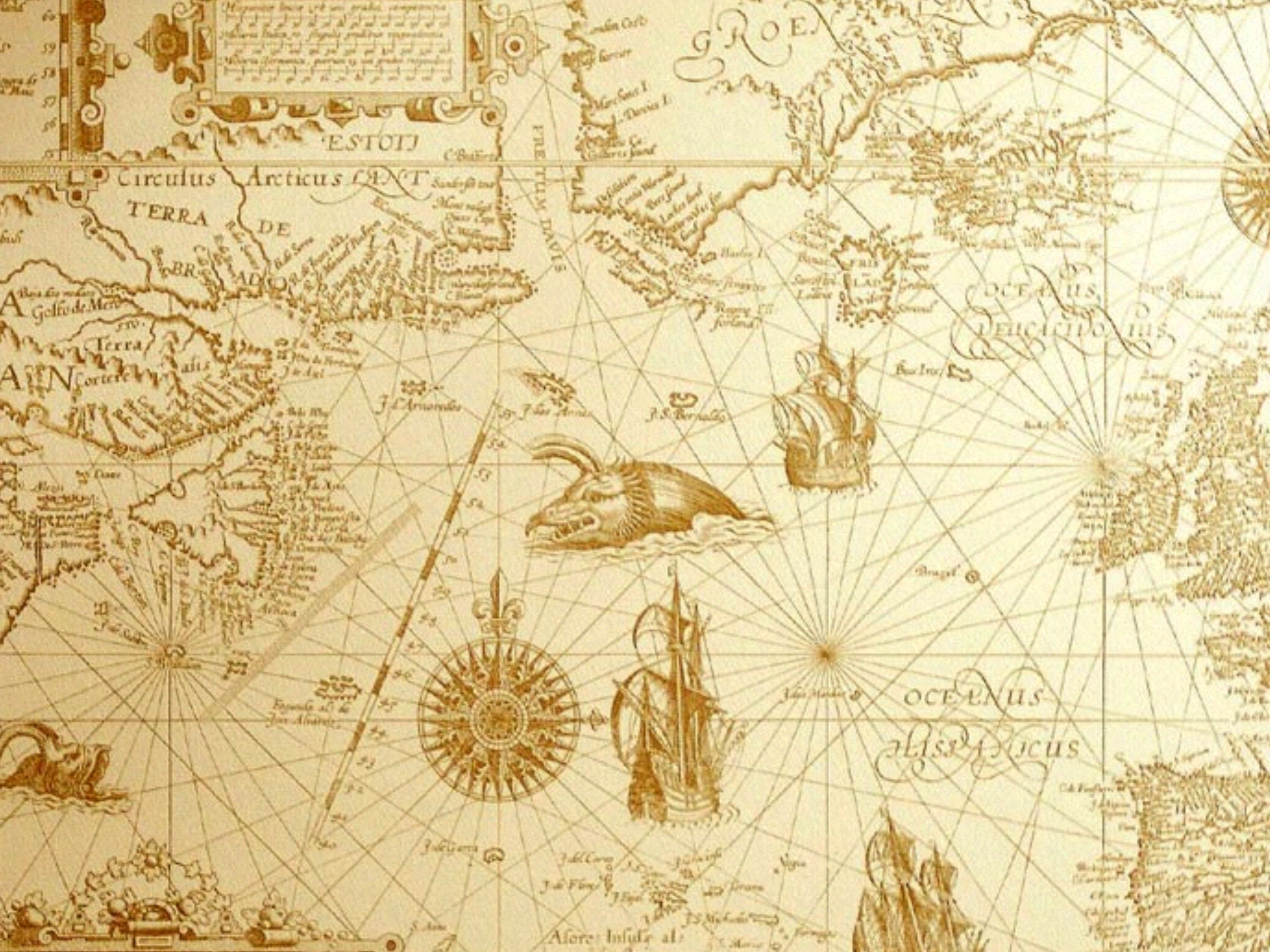
metaphor

Elements of Metaphor

- Important is big
- Happy is up
- Intimacy is closeness
- More is up
- Categories are containers
- Similarity is closeness
- Linear scales are paths
- Organization is physical structure
- Time is motion
- States are locations
- Change is motion
- Purposes are destinations
- Relationships are enclosures
- Control is up

Source: http://palojono.blogspot.com/2004/12/primary-metaphor-list.html
Joe Grady, 1997, cited in George Lakoff and Mark Johnson, *Philosophy in the Flesh*, via groupvisual.io

data*


GROEN
ESTOTI
Circulus Arcticus
TERRA DE
FRETUM DAVIS
OCEANUS
ATLANTICUS
Terra
Azore Insulæ al

trouble

with

data

DATA
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artifacts of collection

who?

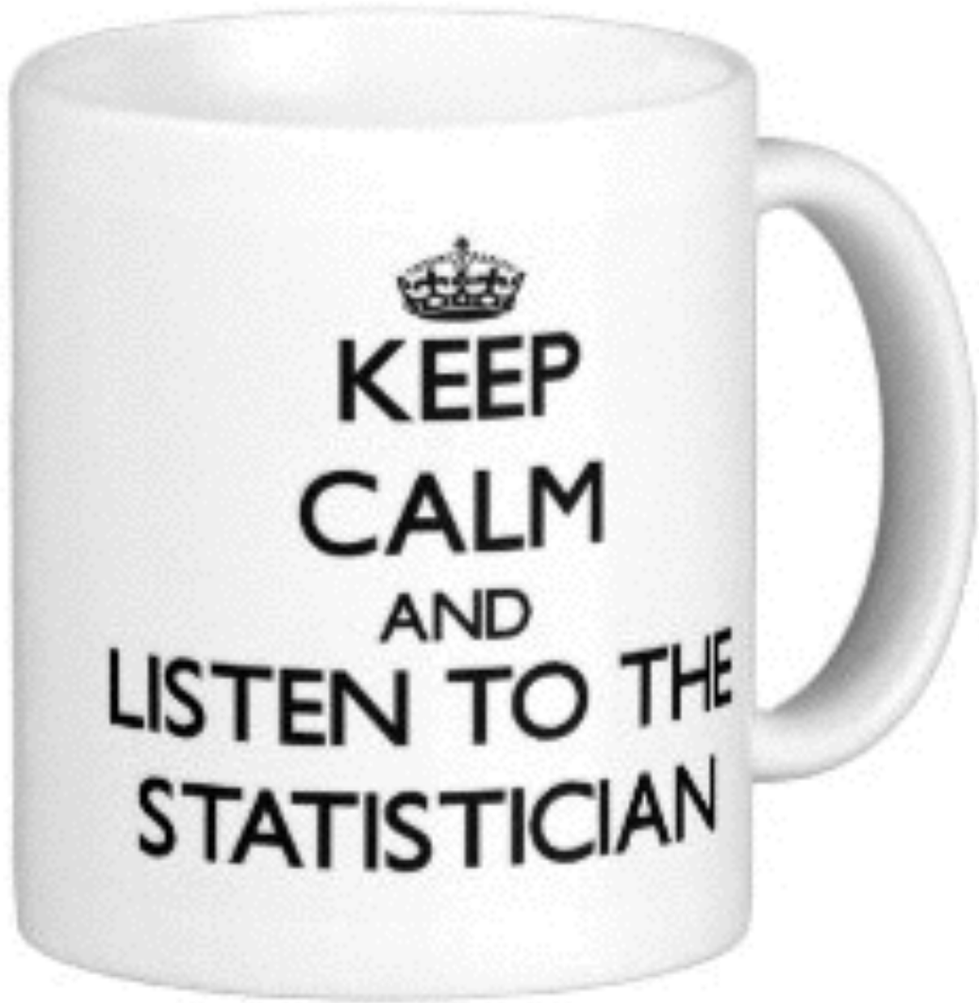
what?

where?

when?

how?

lanas


KEEP
CALM
AND
LISTEN TO THE
STATISTICIAN

hrdag.org

acquiring

cleaning

preparing

analyzing

John Emerson
@backspace

#Dataviz:
Gathering & preparing data

Visuals

What people talk about:
Gathering & preparing data

Visuals

range
distribution
relationships
trends

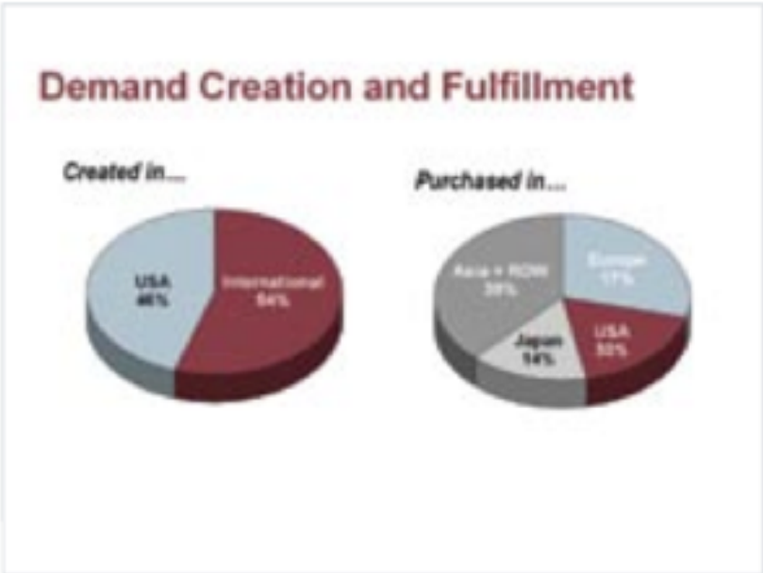
clear

concise

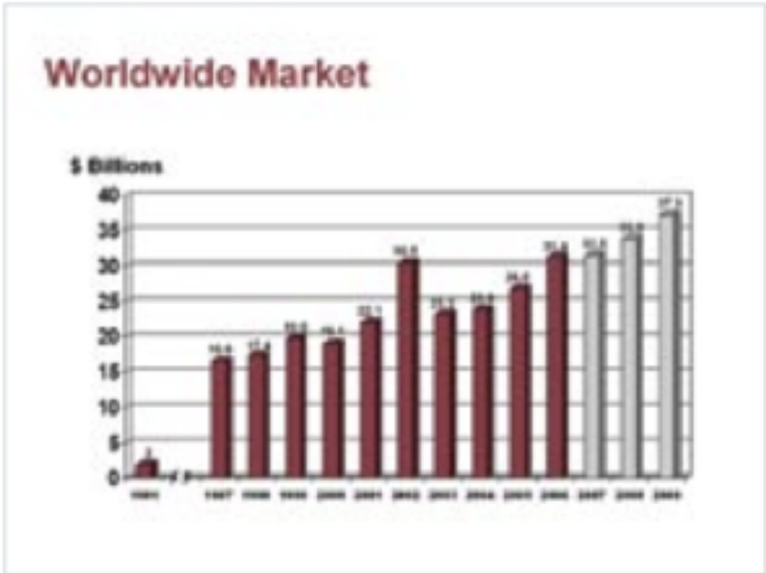
compelling

simplify

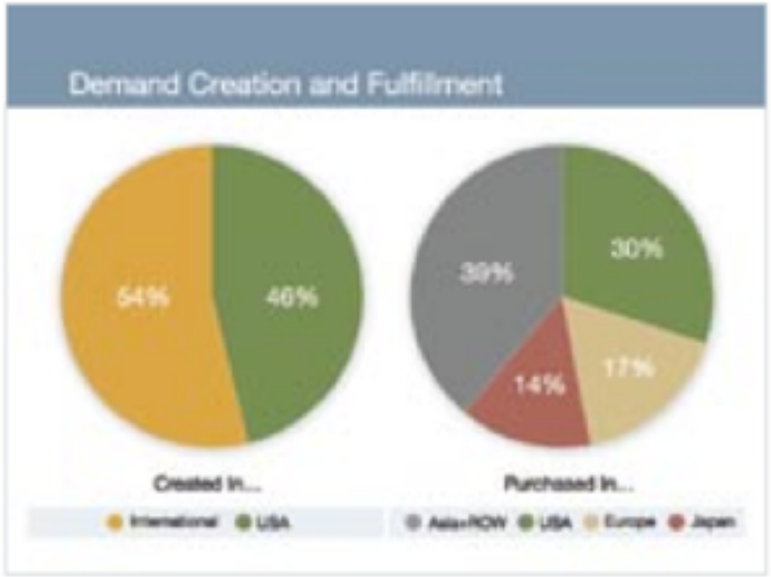
Pie Chart



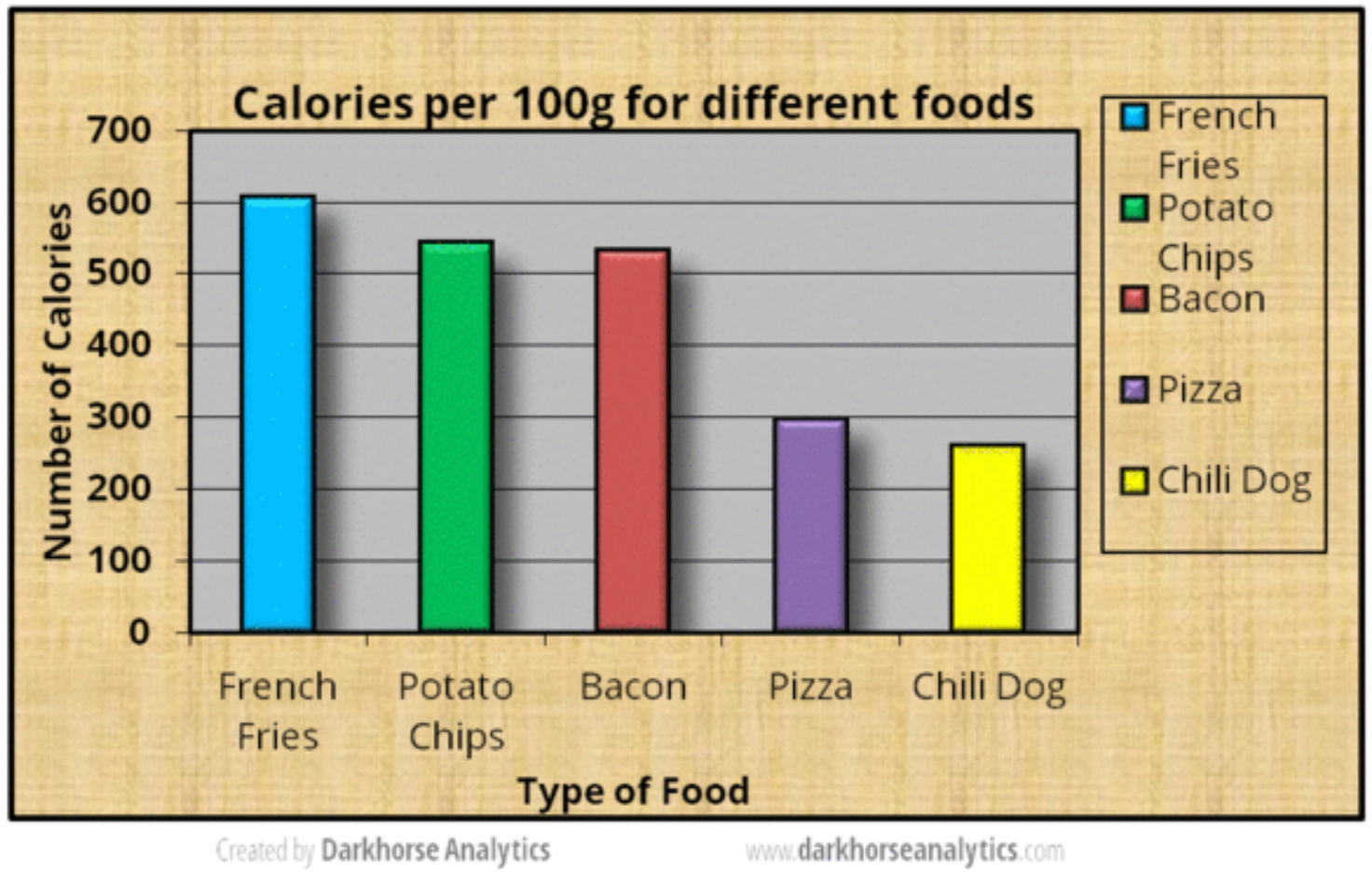
Vertical Bar Chart



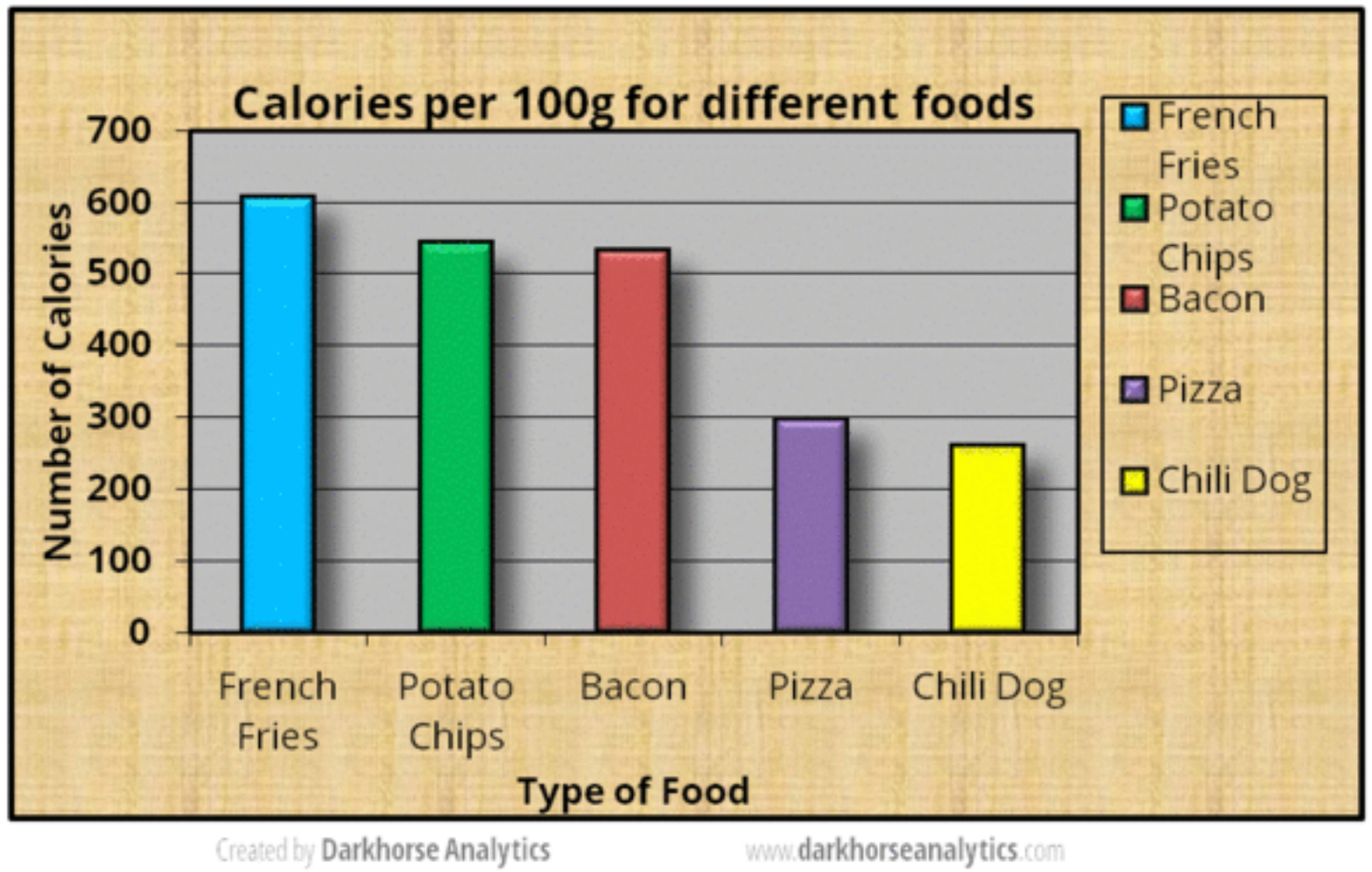
Horizontal Bar Chart



Source: Slide:ology, Nancy Duarte


Calories per 100g for different foods
Number of Calories
700
600
500
400
300
200
100
0
French Fries
Potato Chips
Bacon
Pizza
Chili Dog
Type of Food
French Fries
Potato Chips
Bacon
Pizza
Chili Dog
Created by Darkhorse Analytics
www.darkhorseanalytics.com

Remove backgrounds



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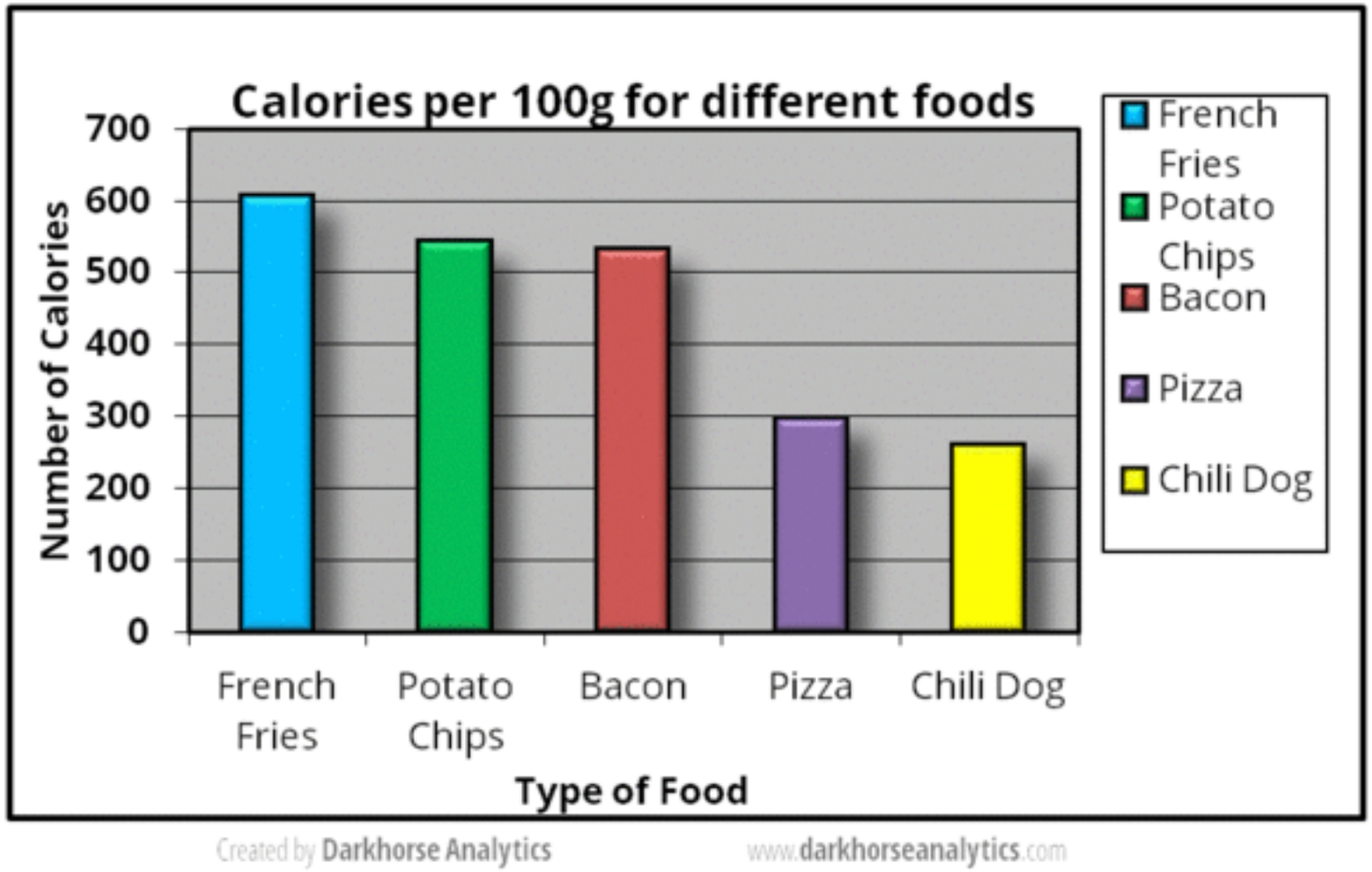

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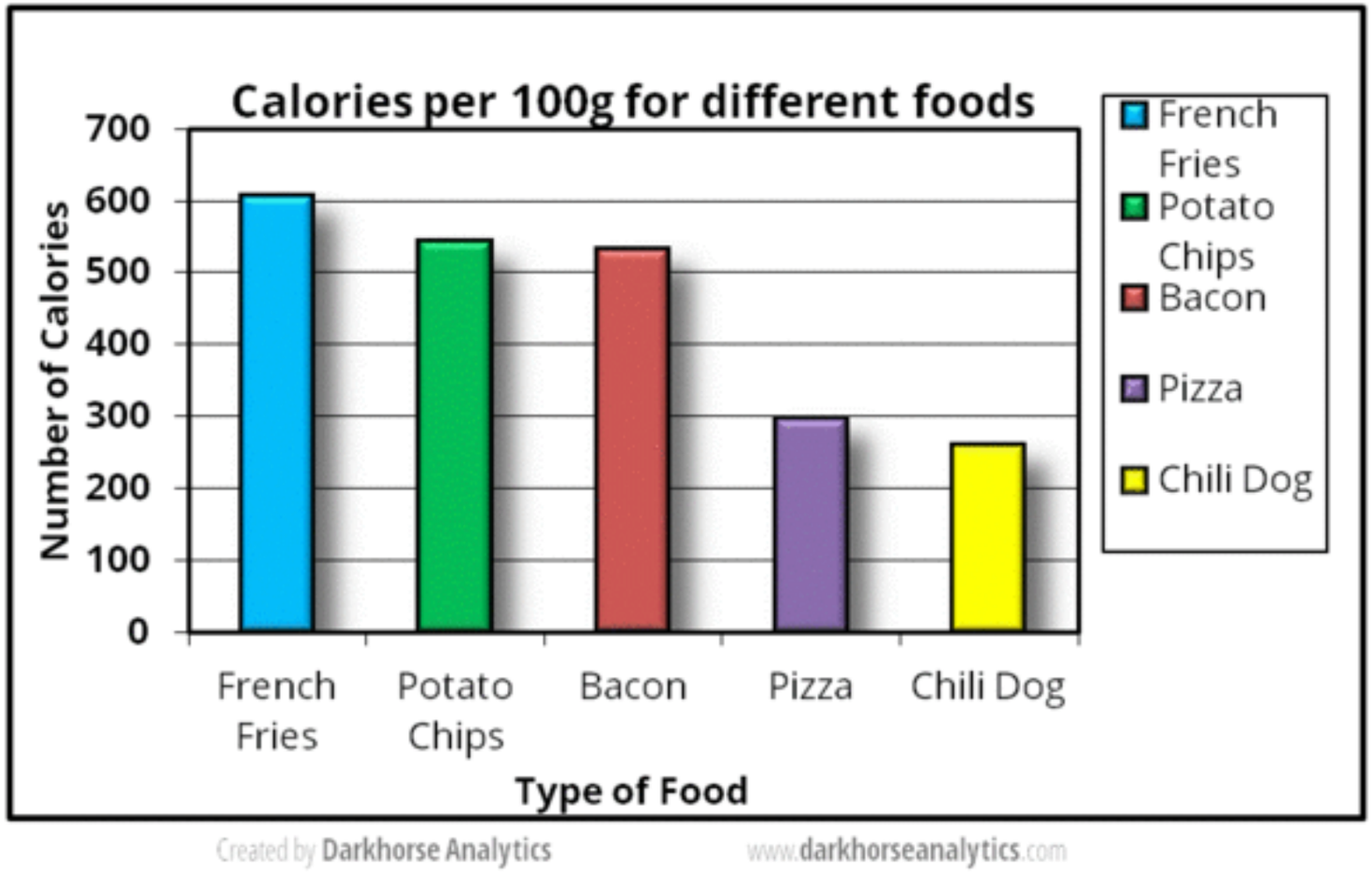

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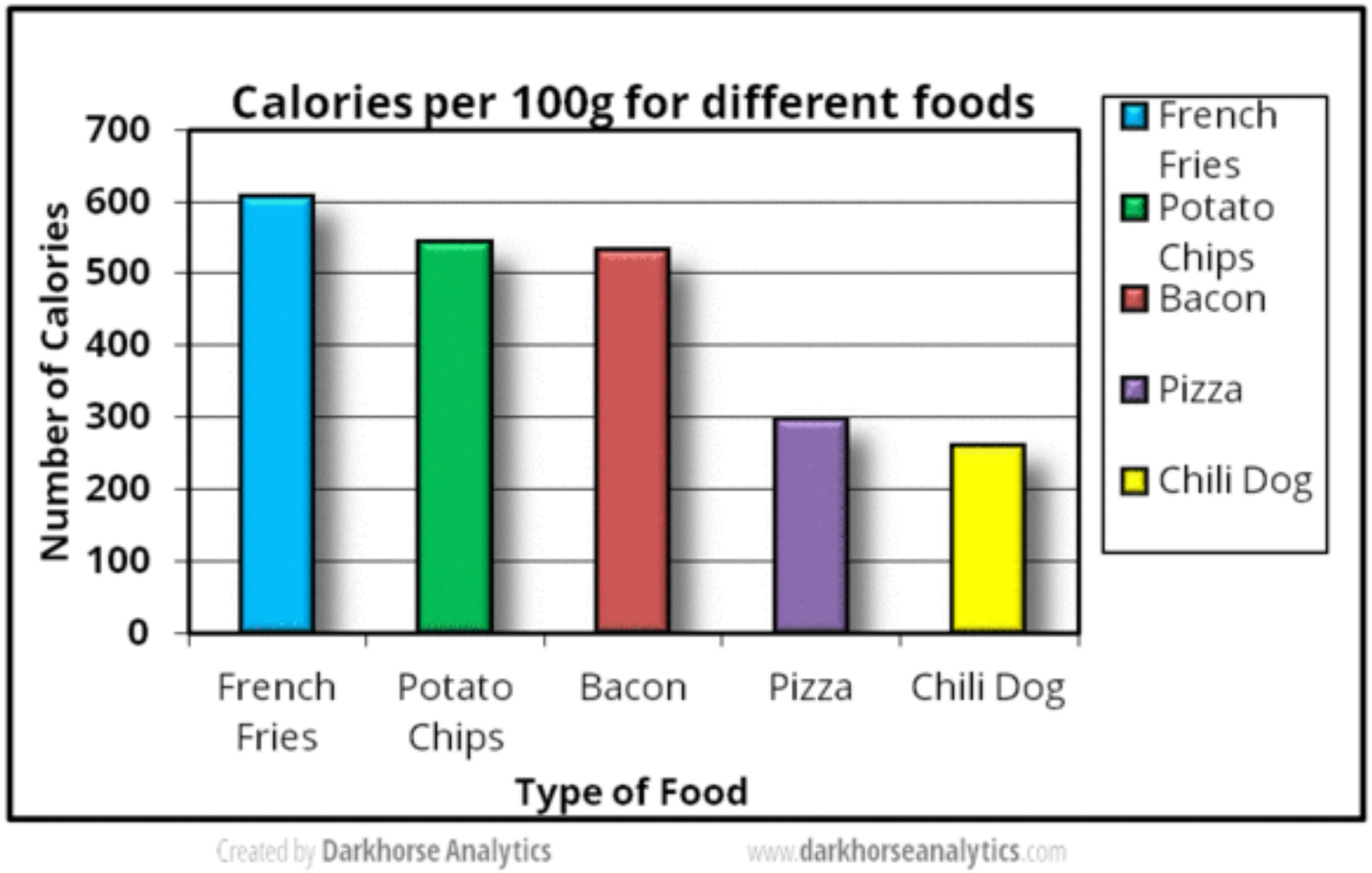

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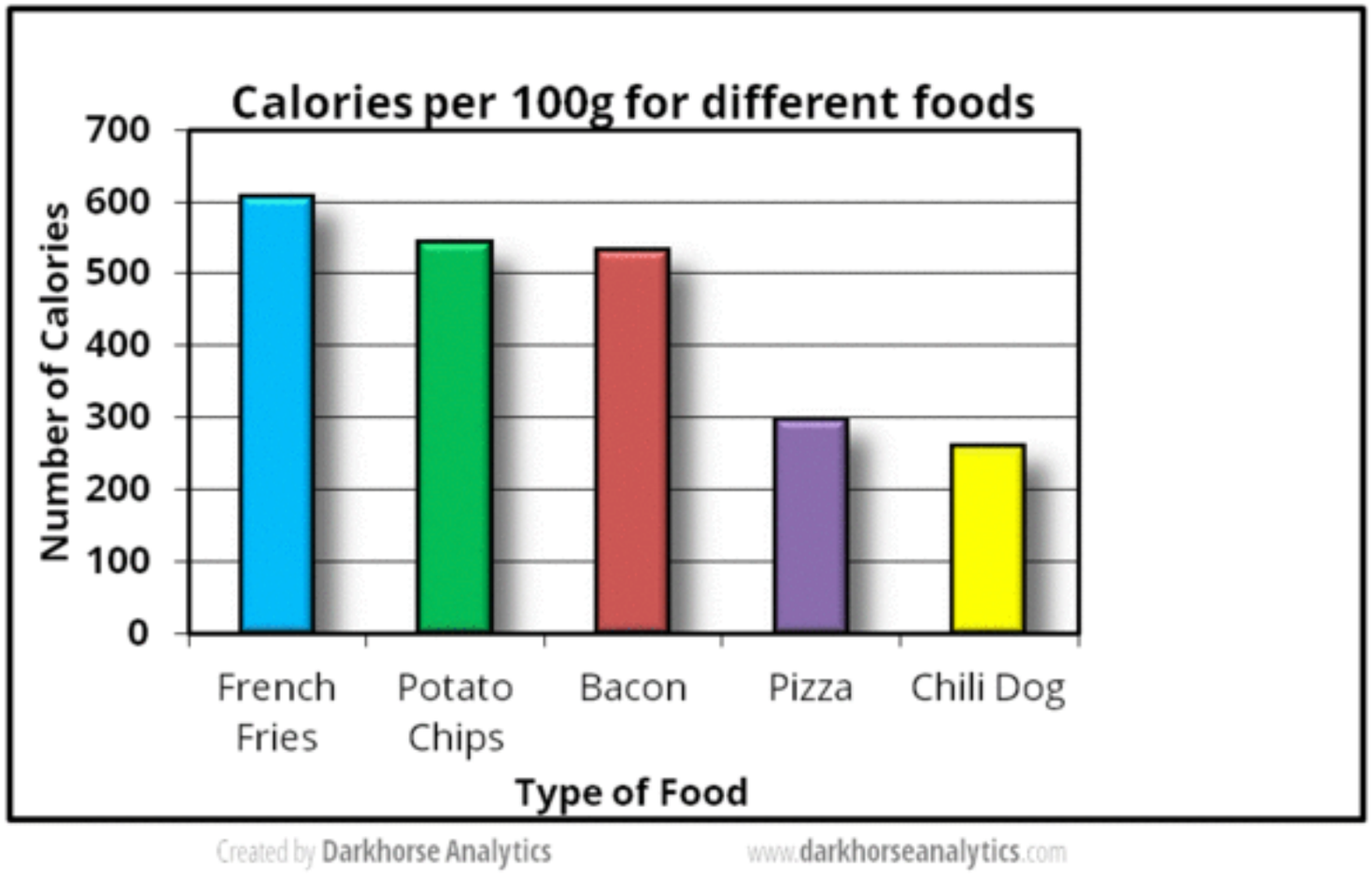

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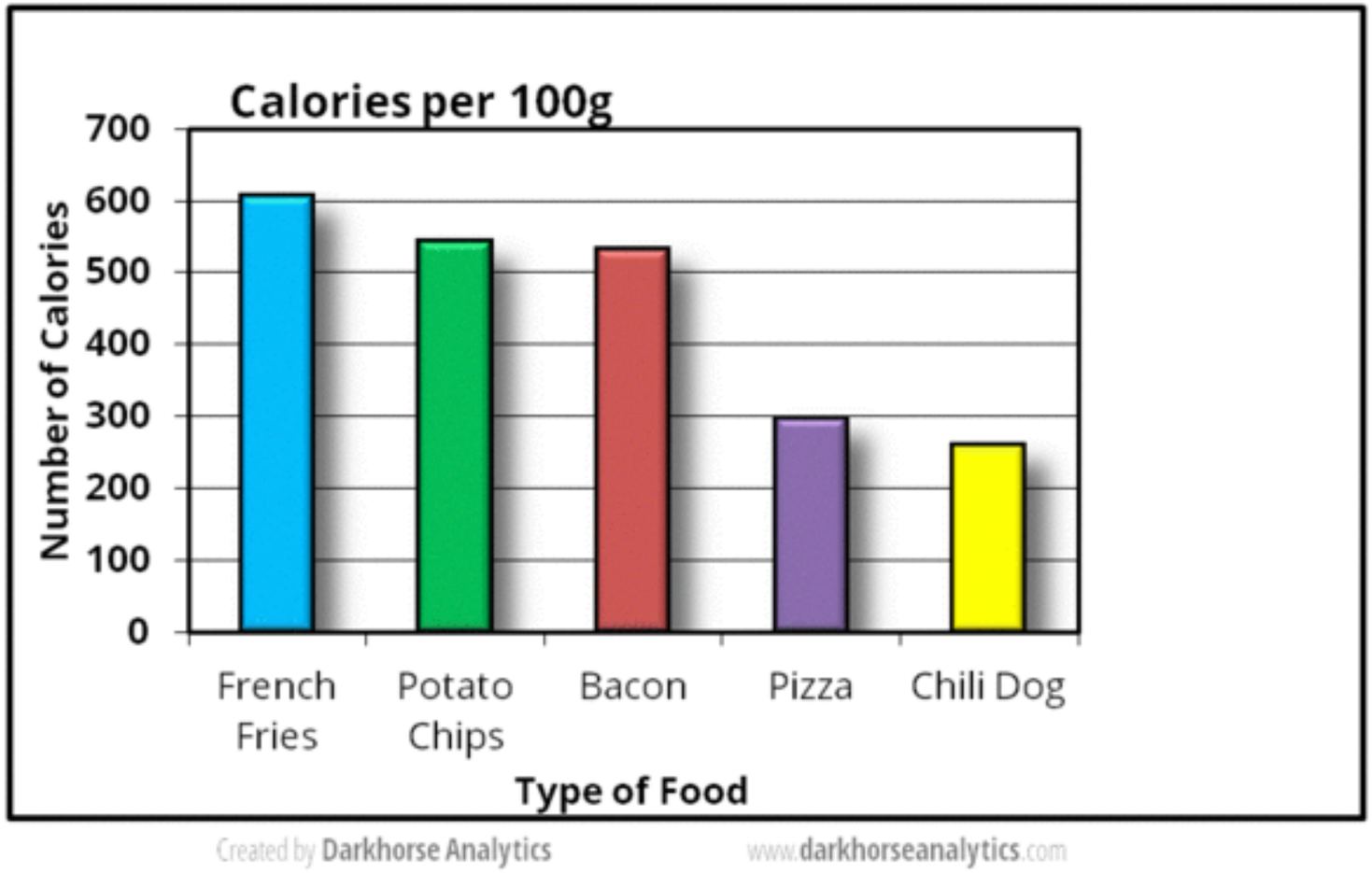

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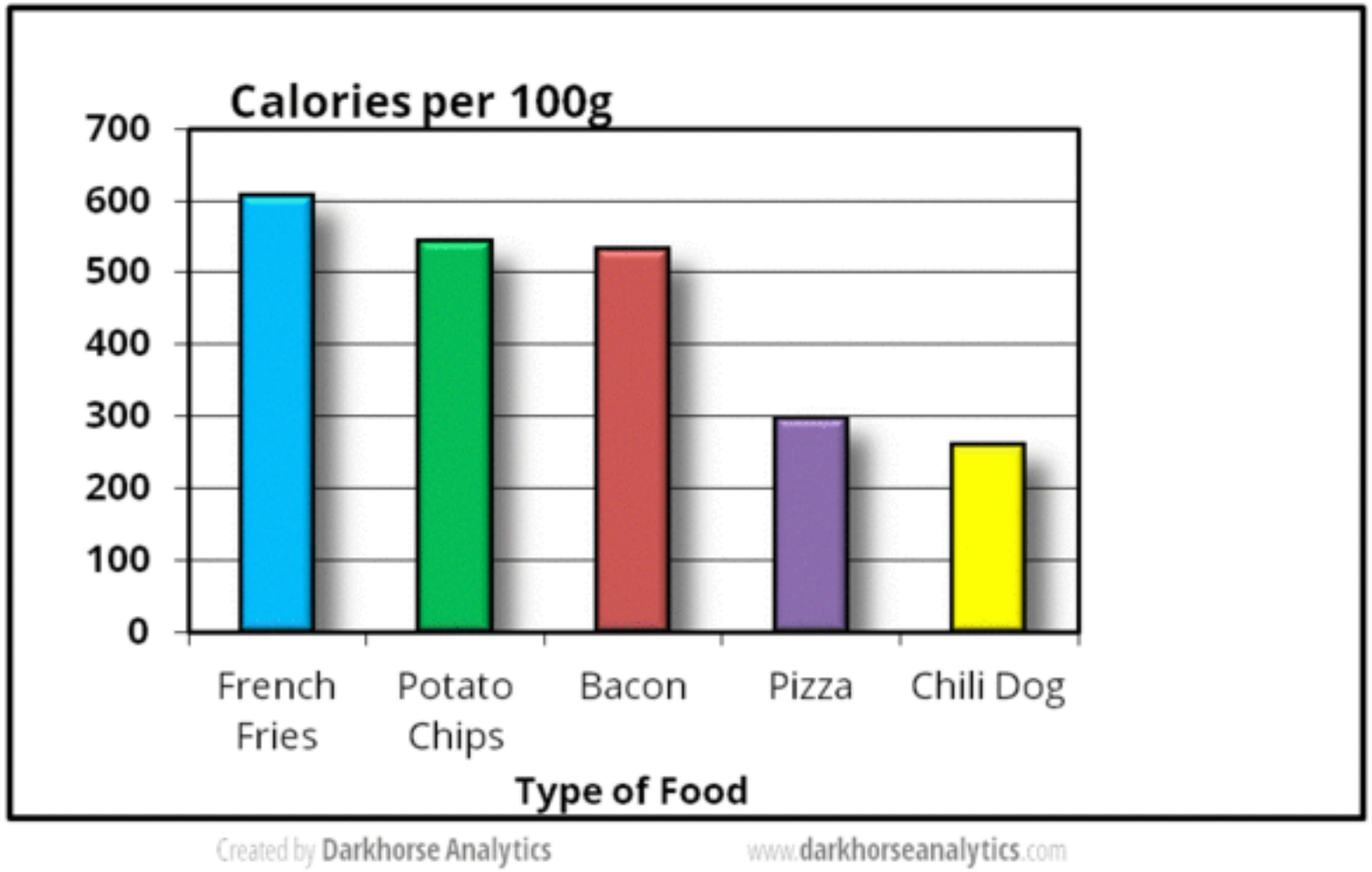

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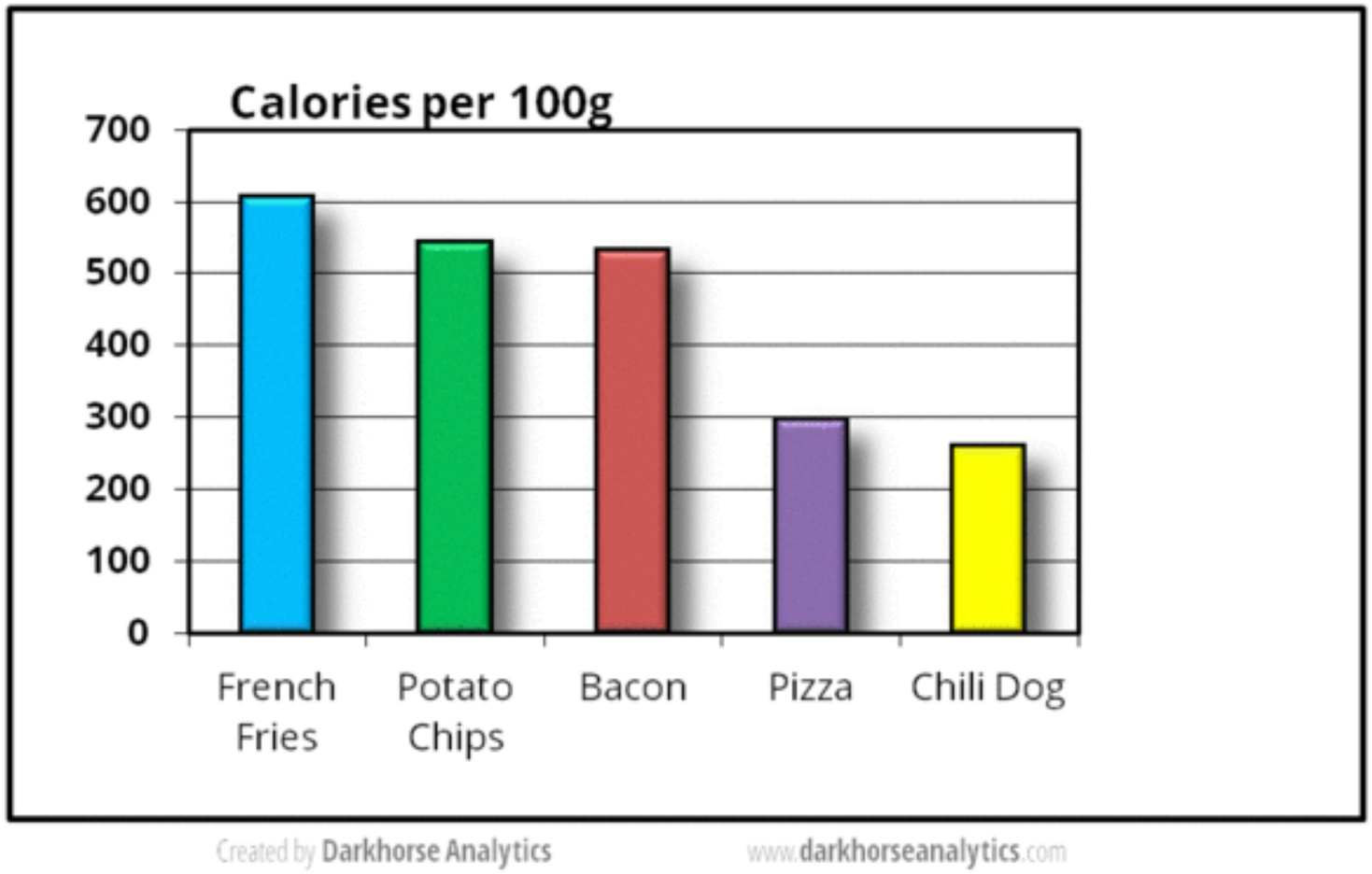

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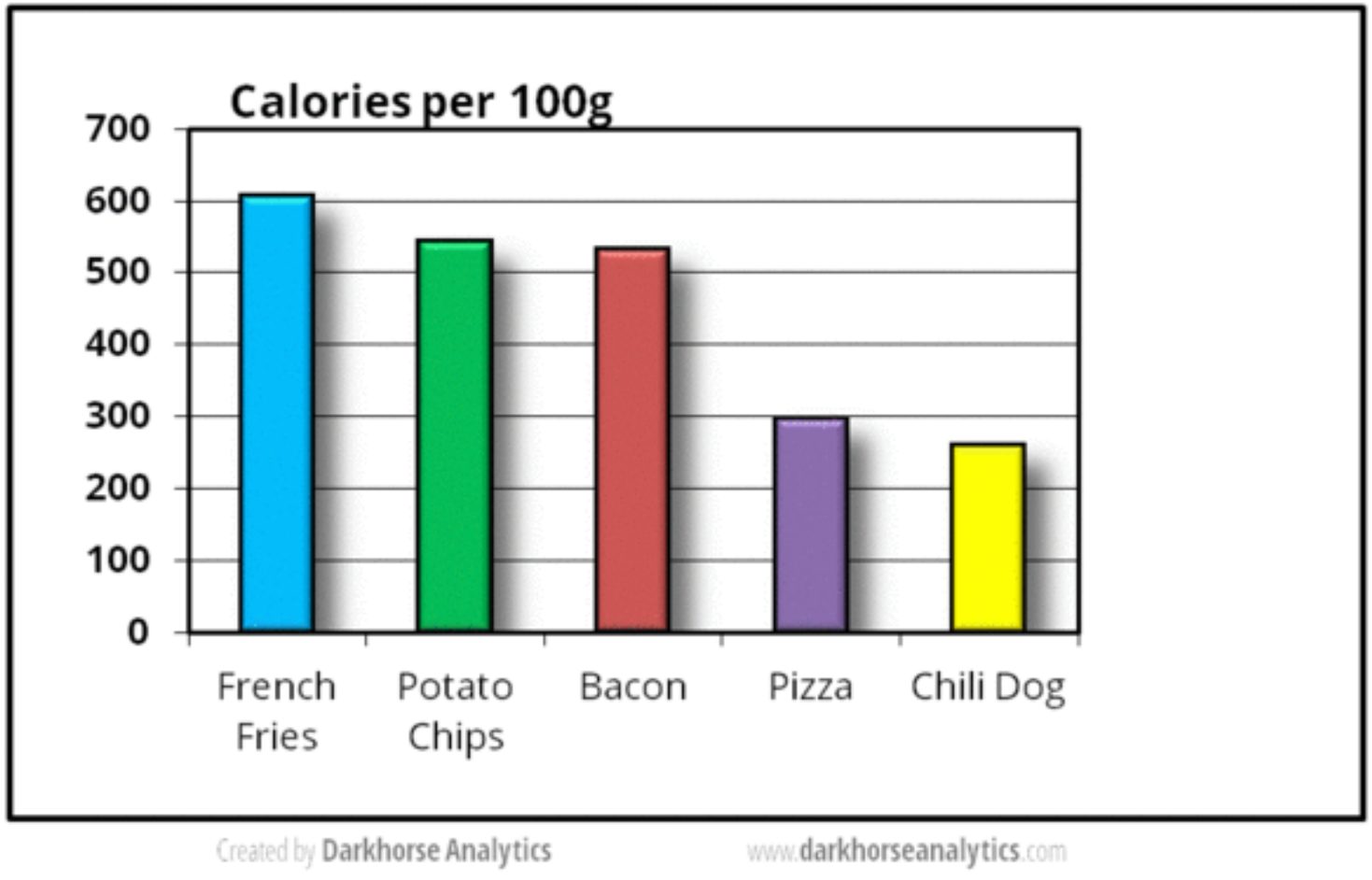

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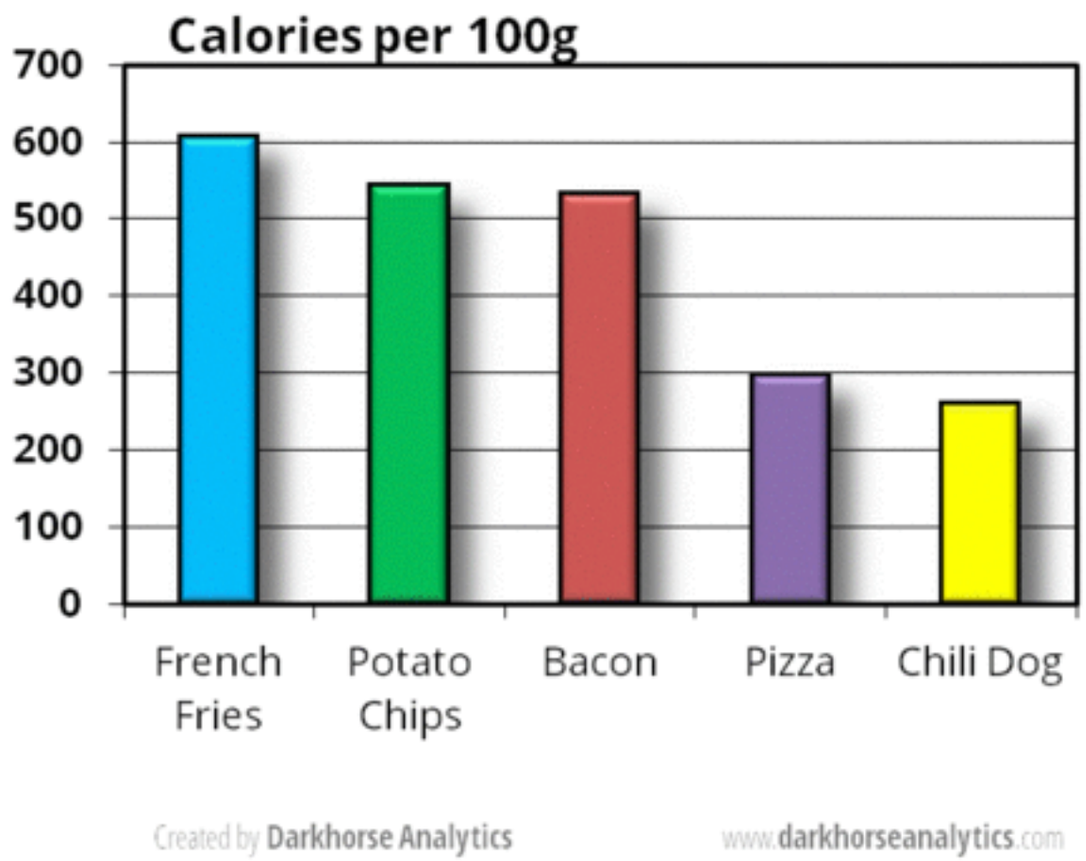

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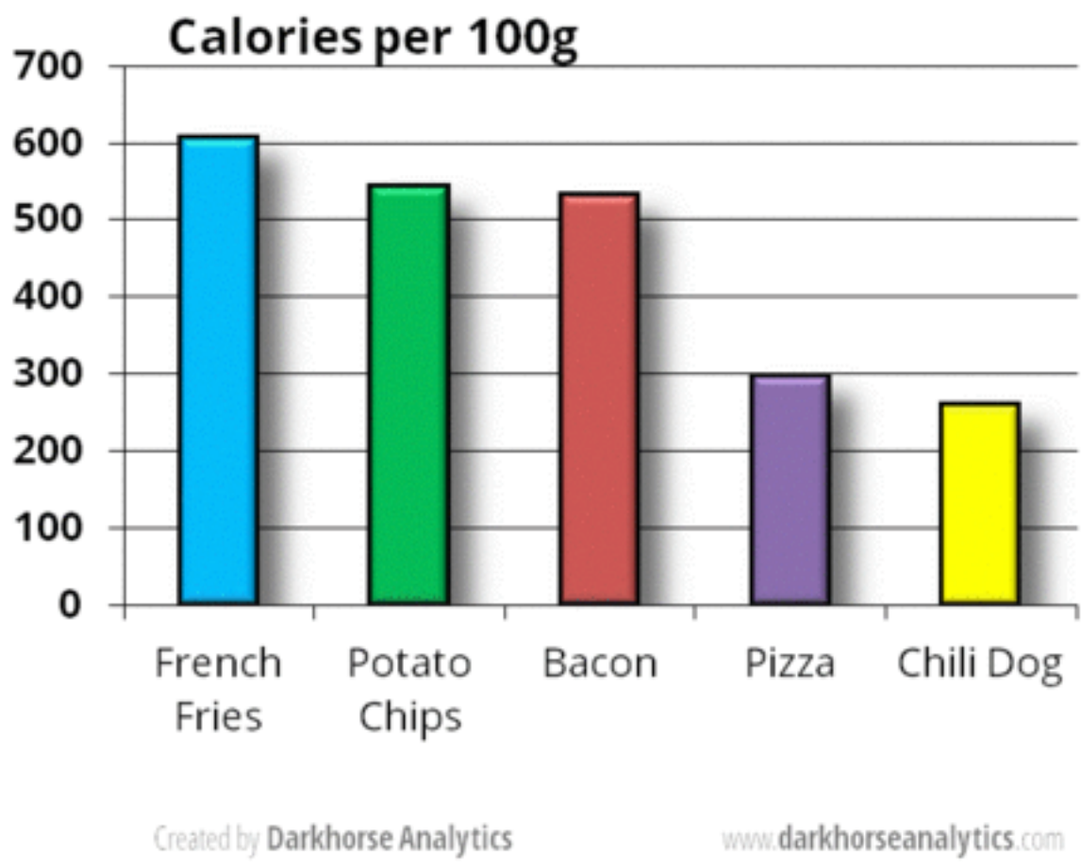

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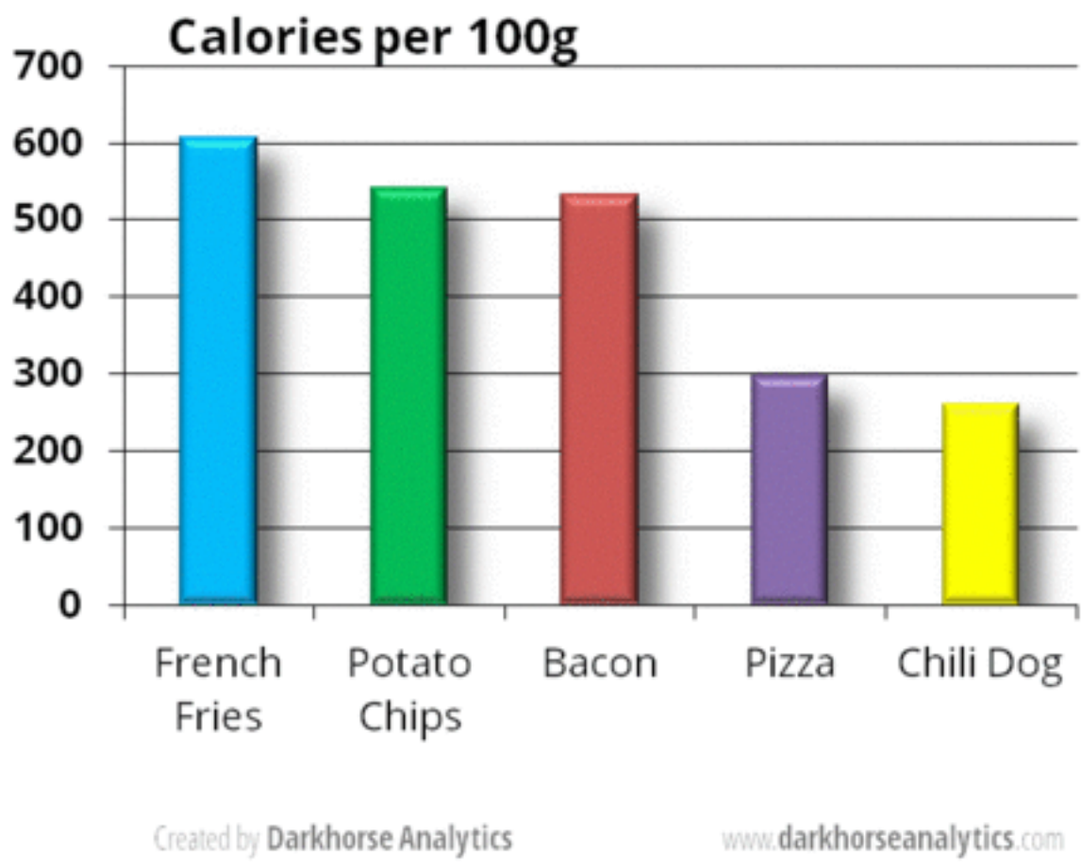

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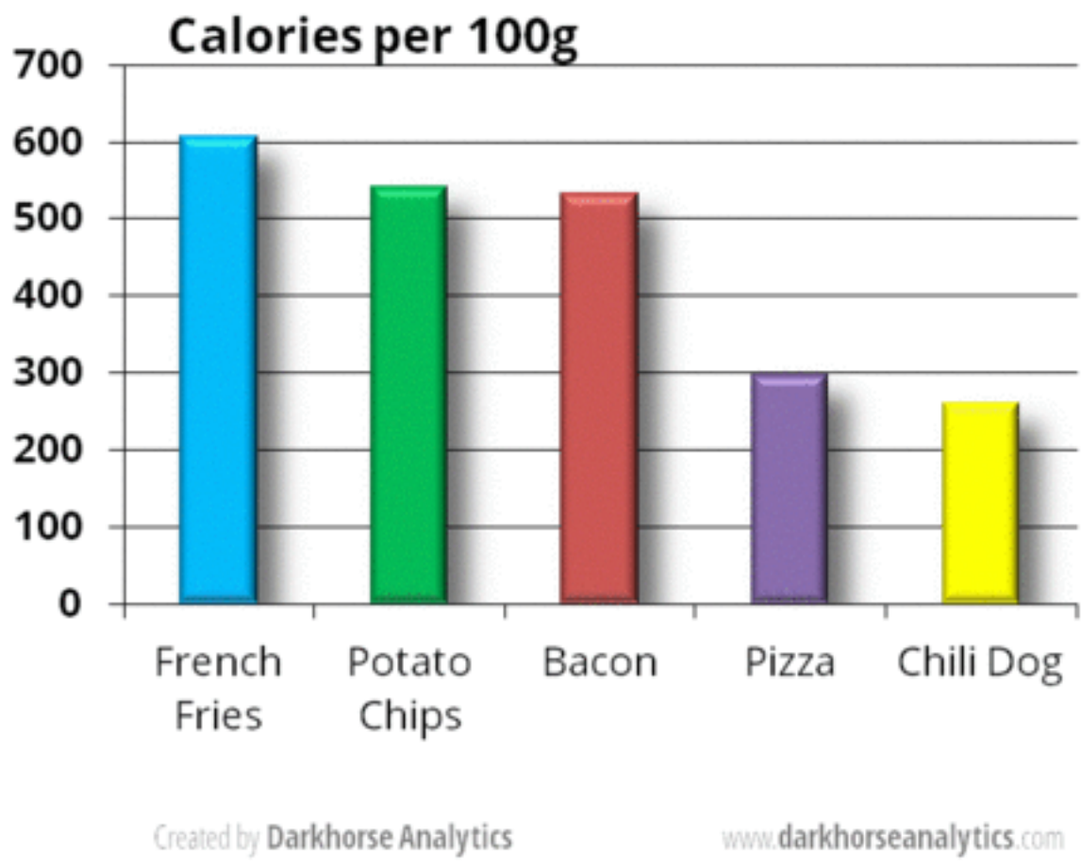

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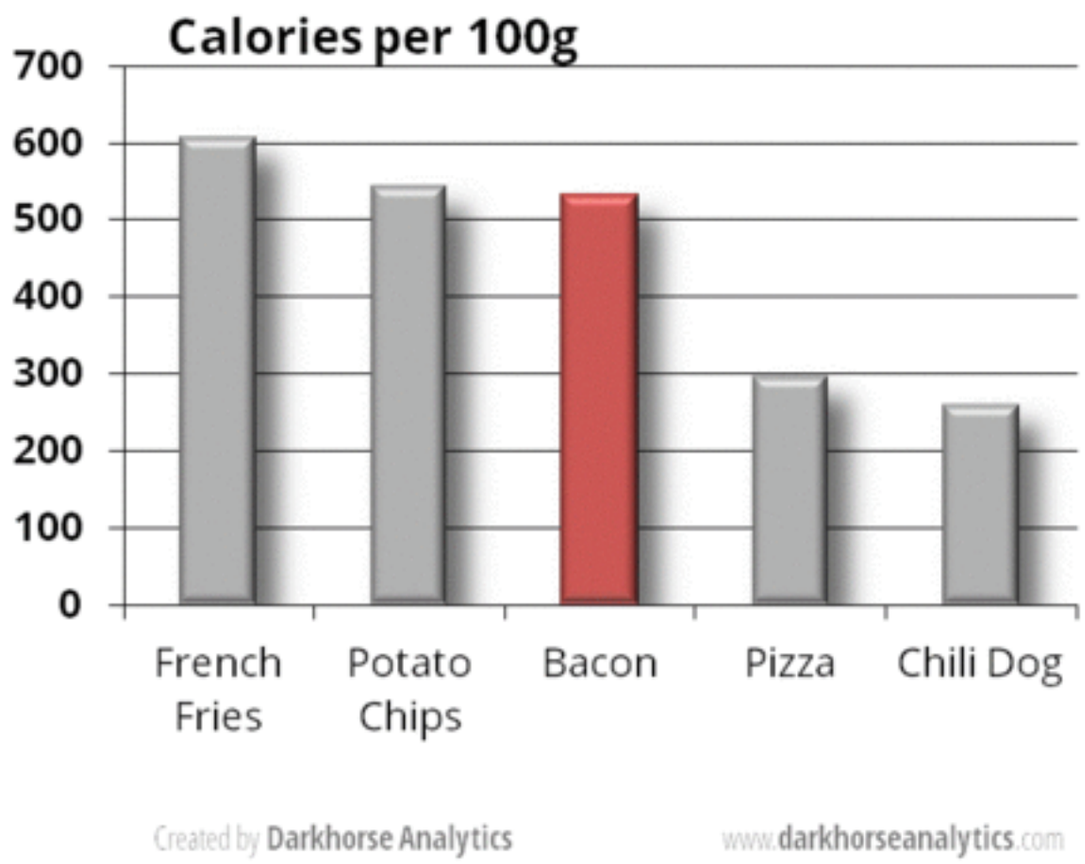

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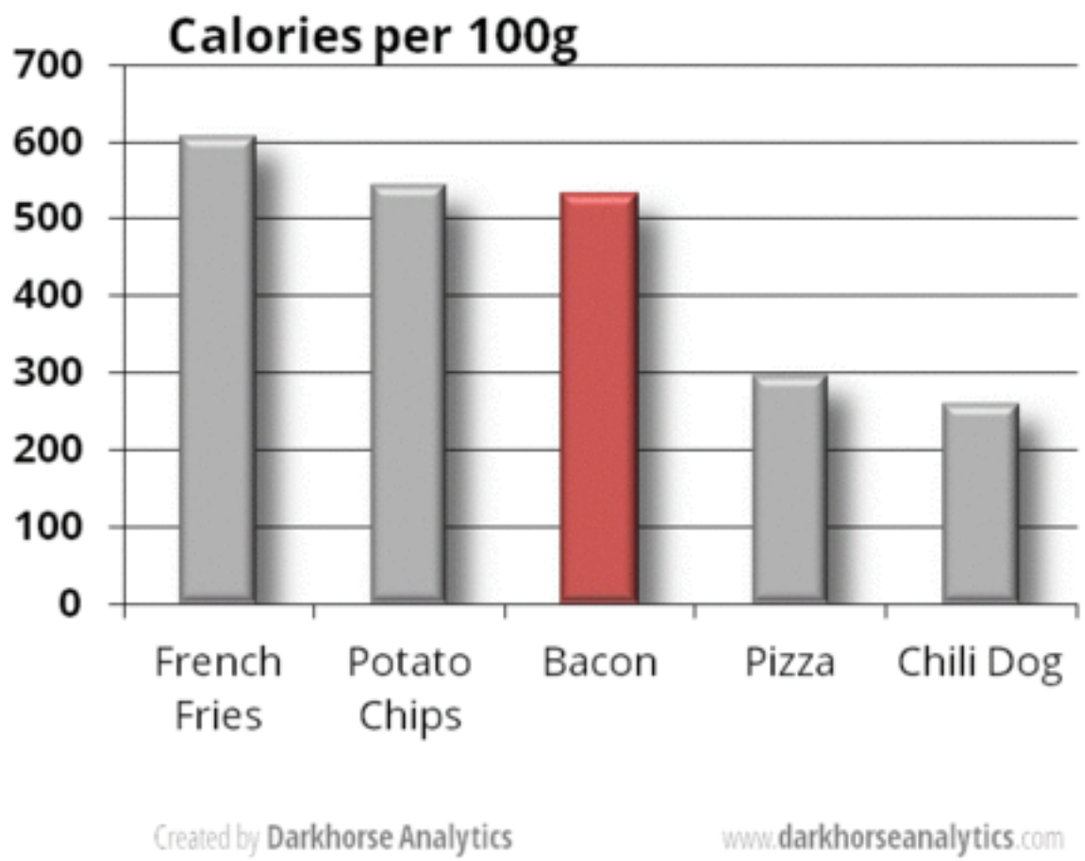

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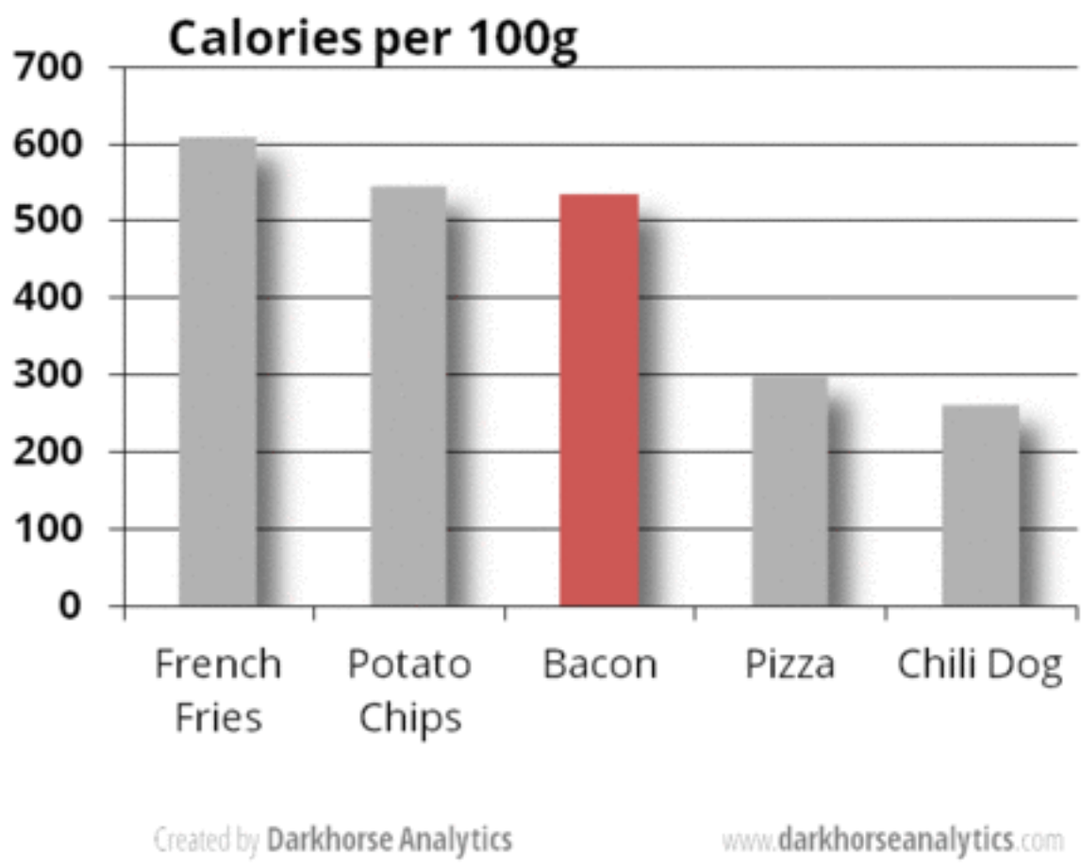

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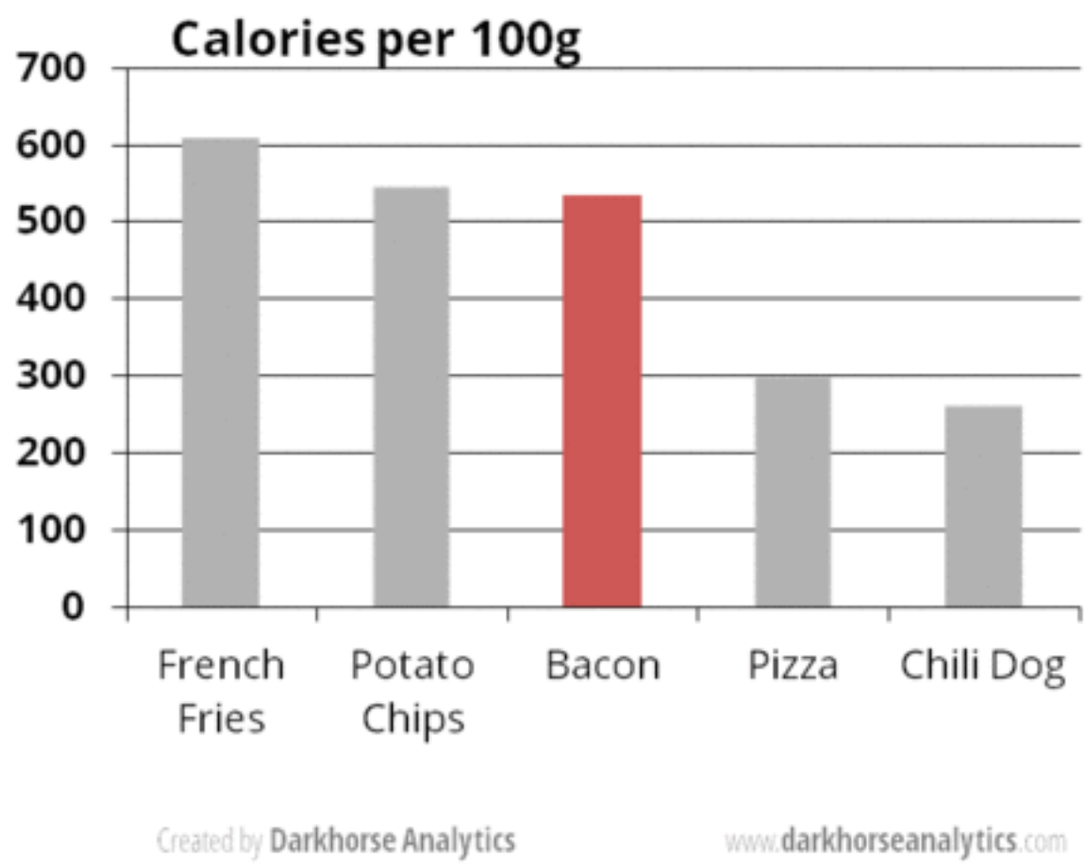

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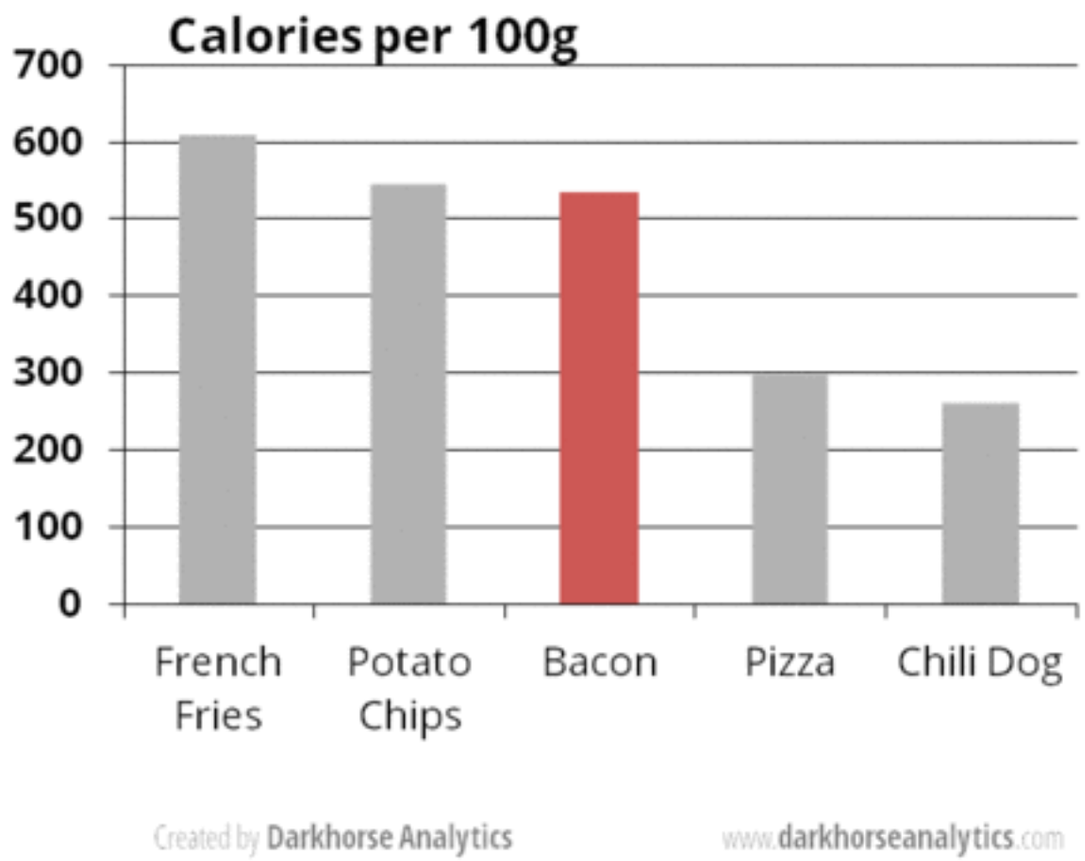

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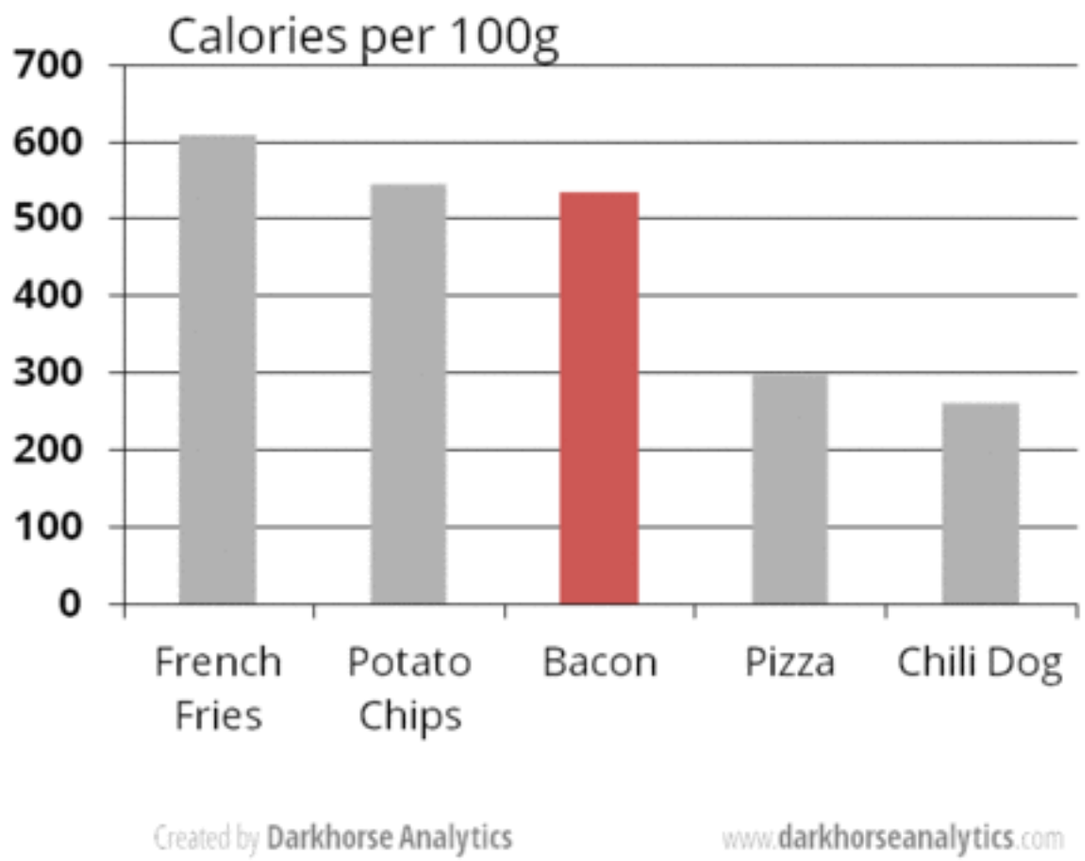

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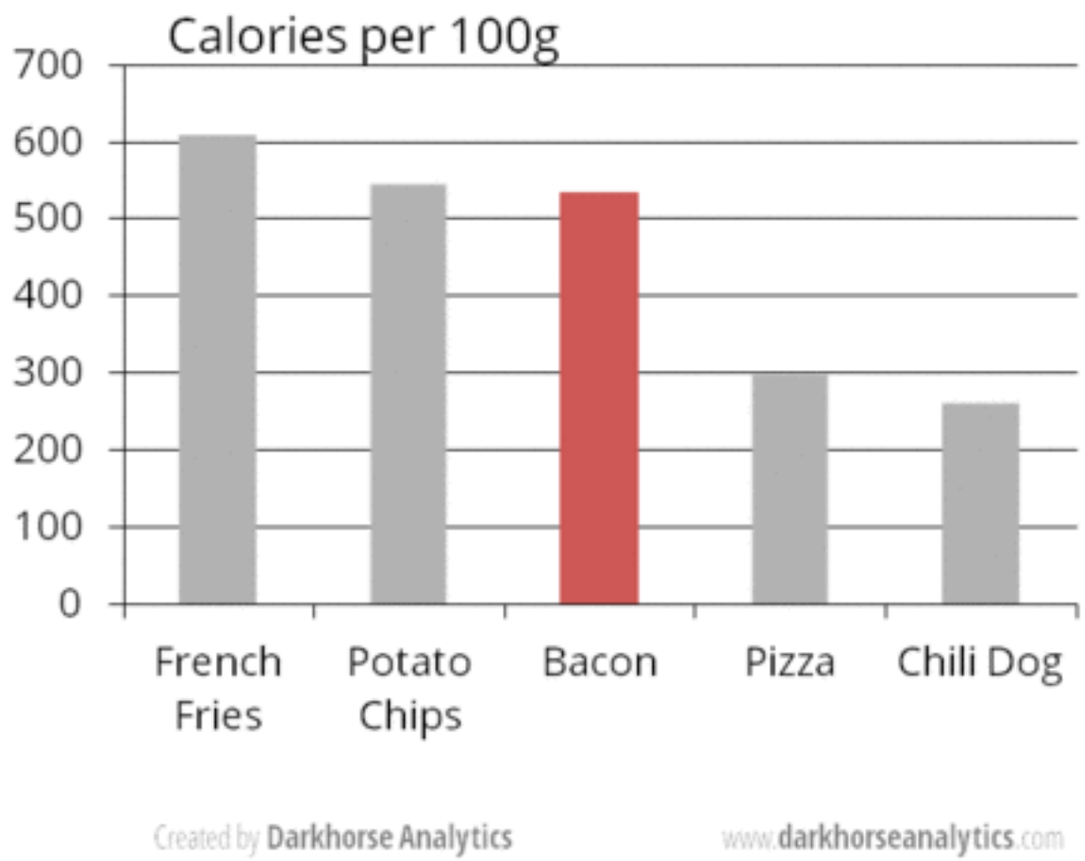

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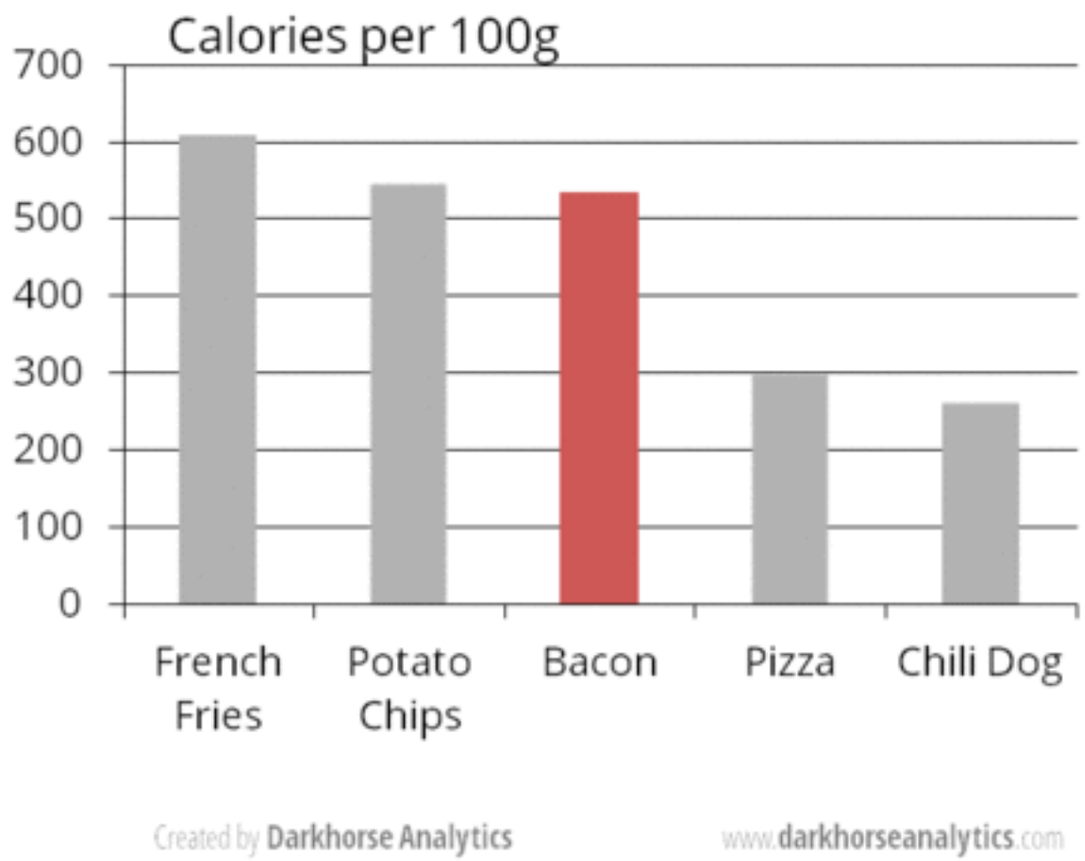

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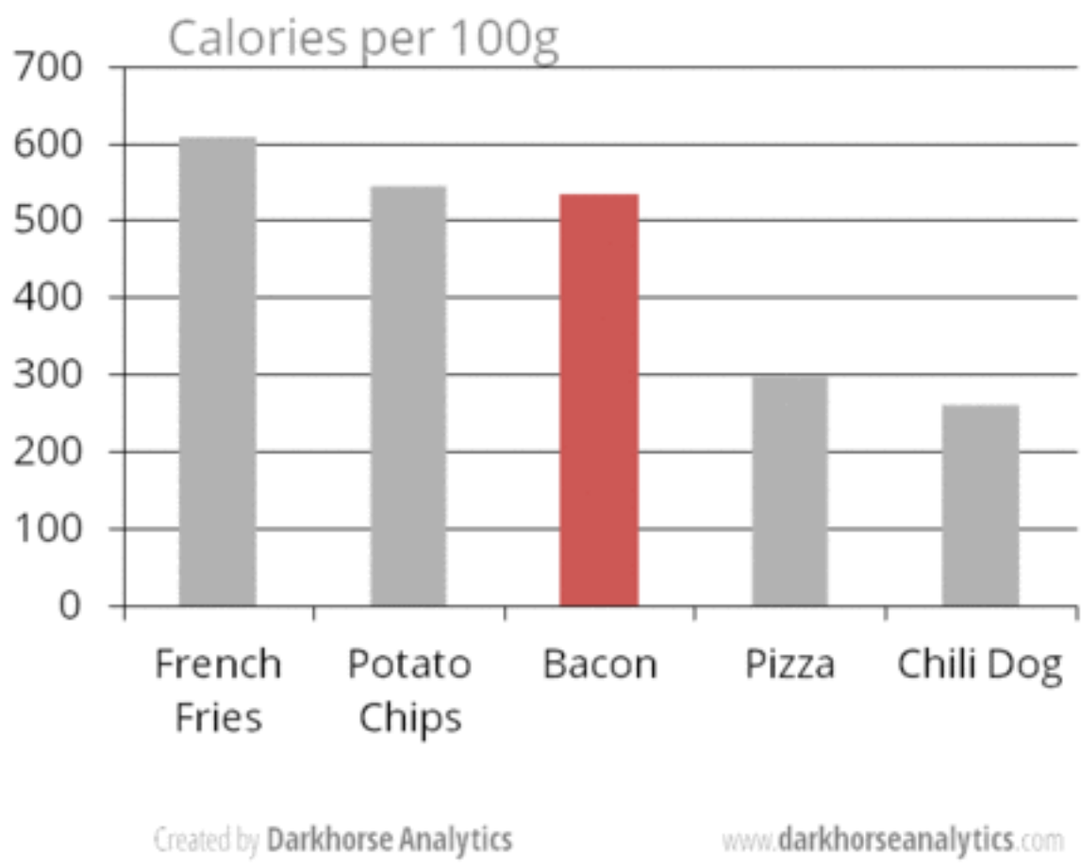

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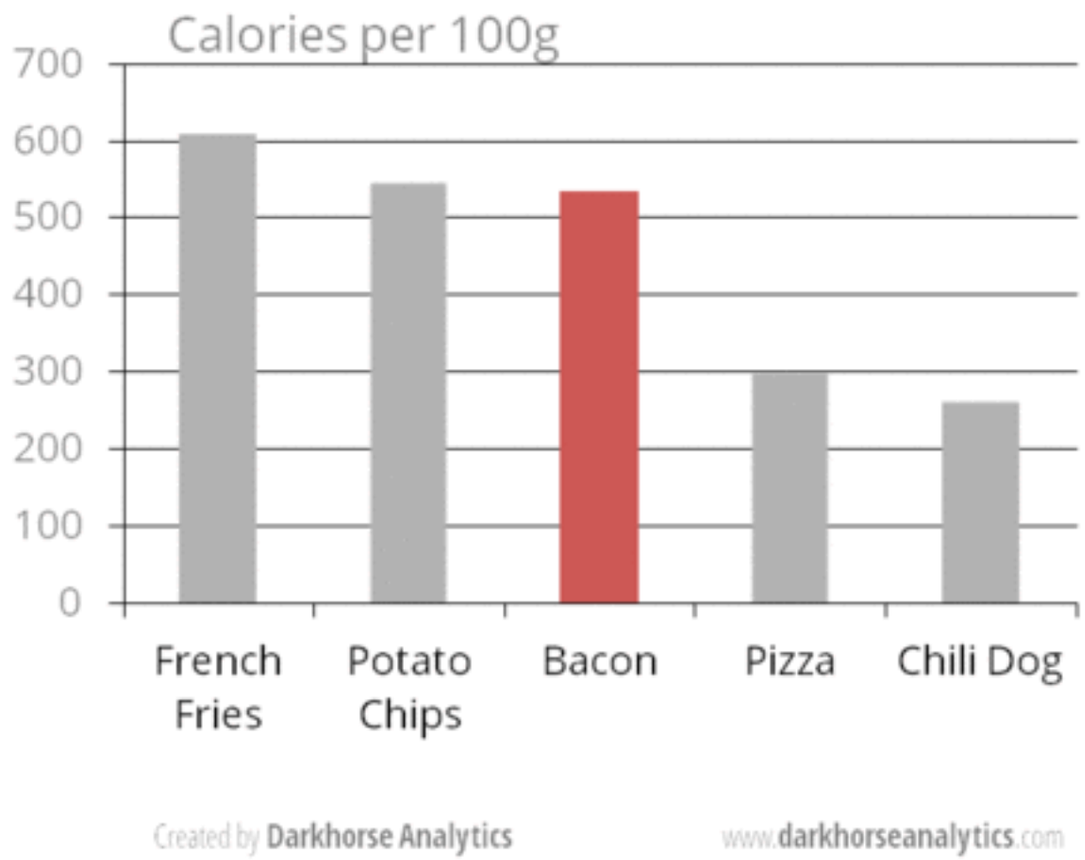

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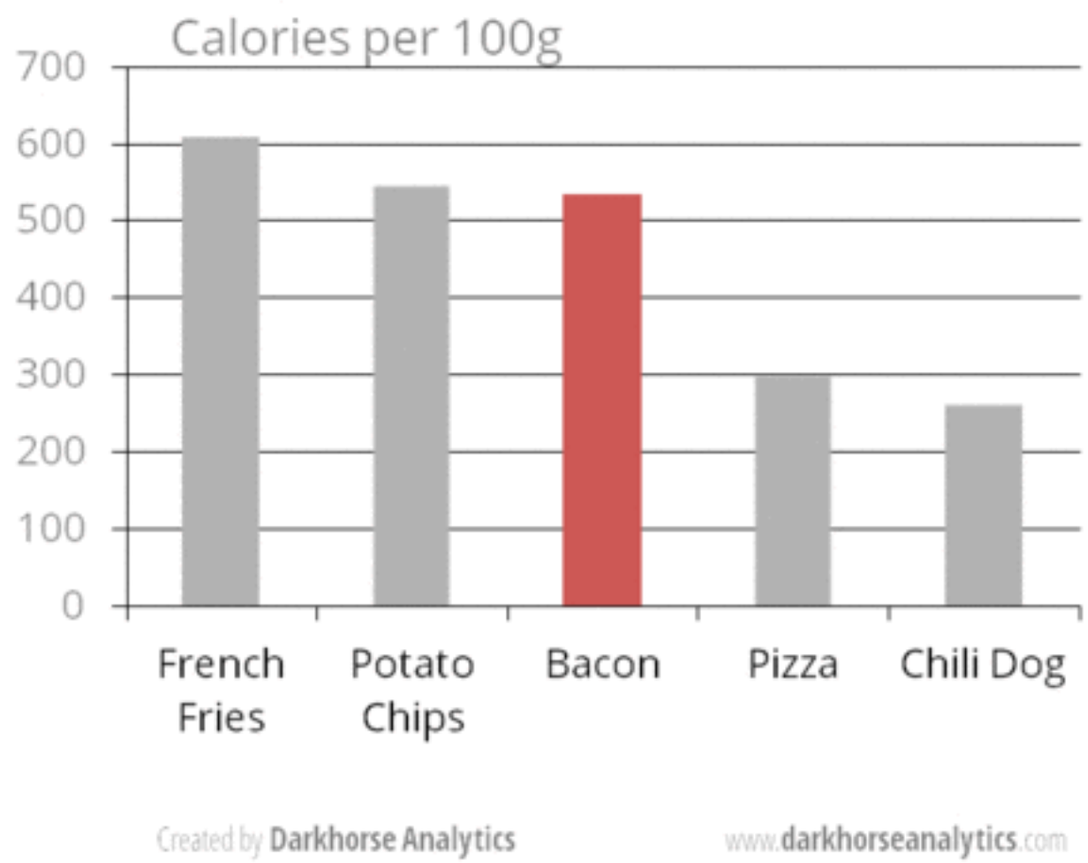

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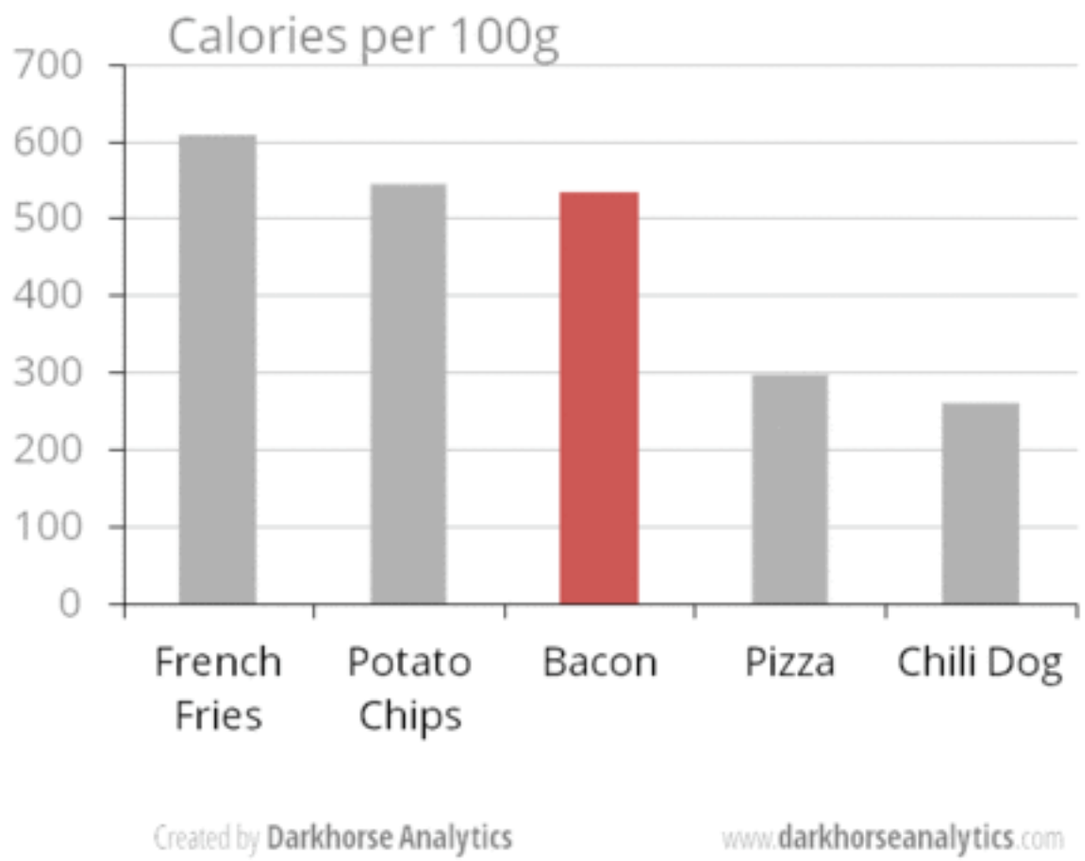

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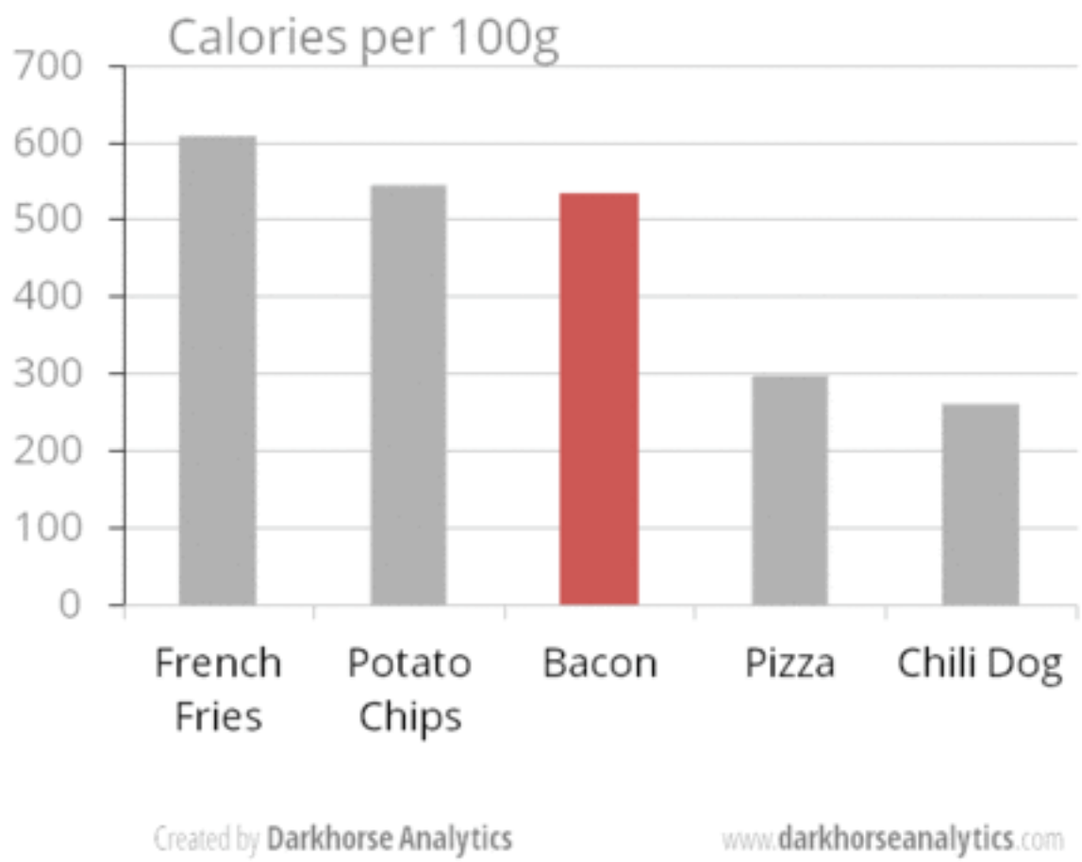
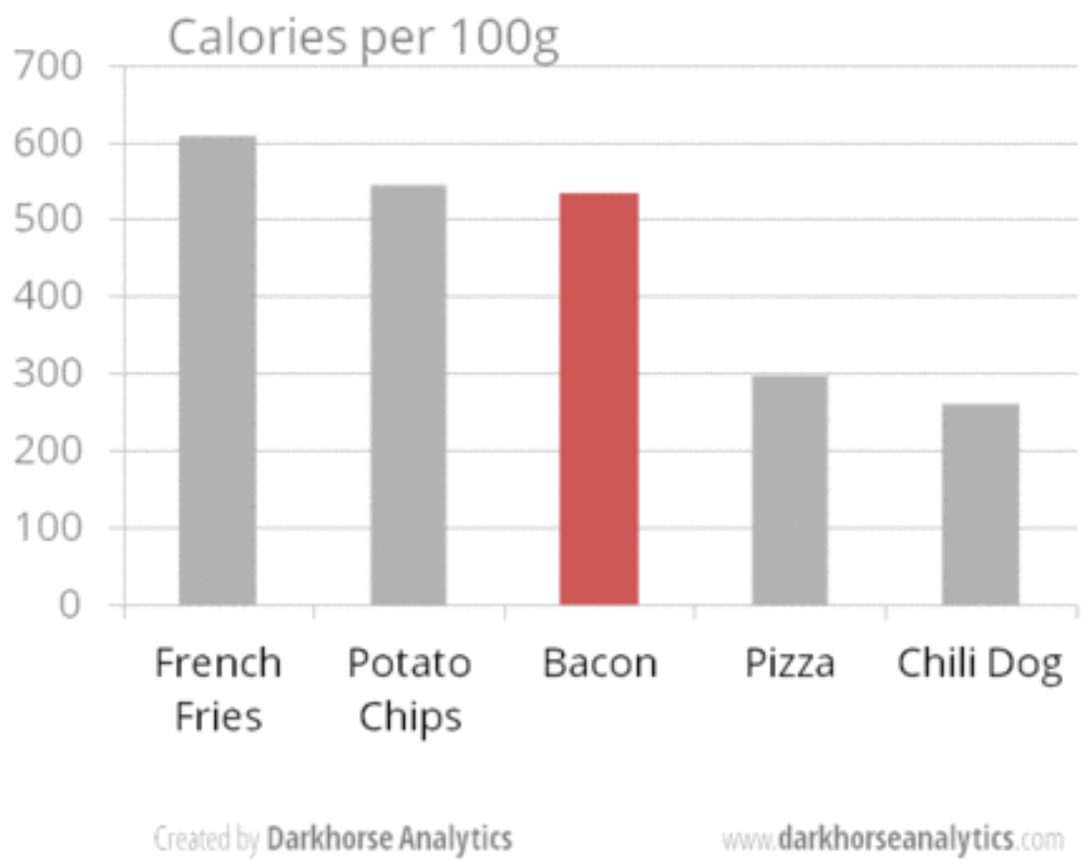


Lighten lines



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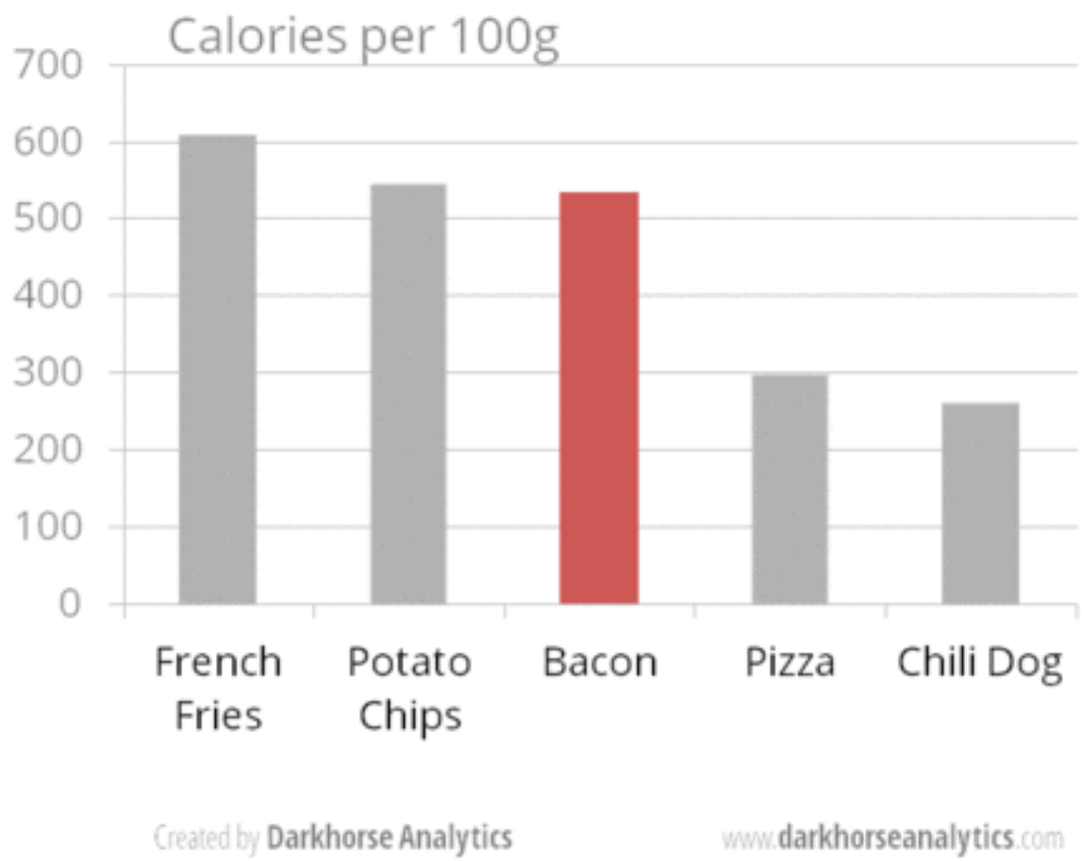

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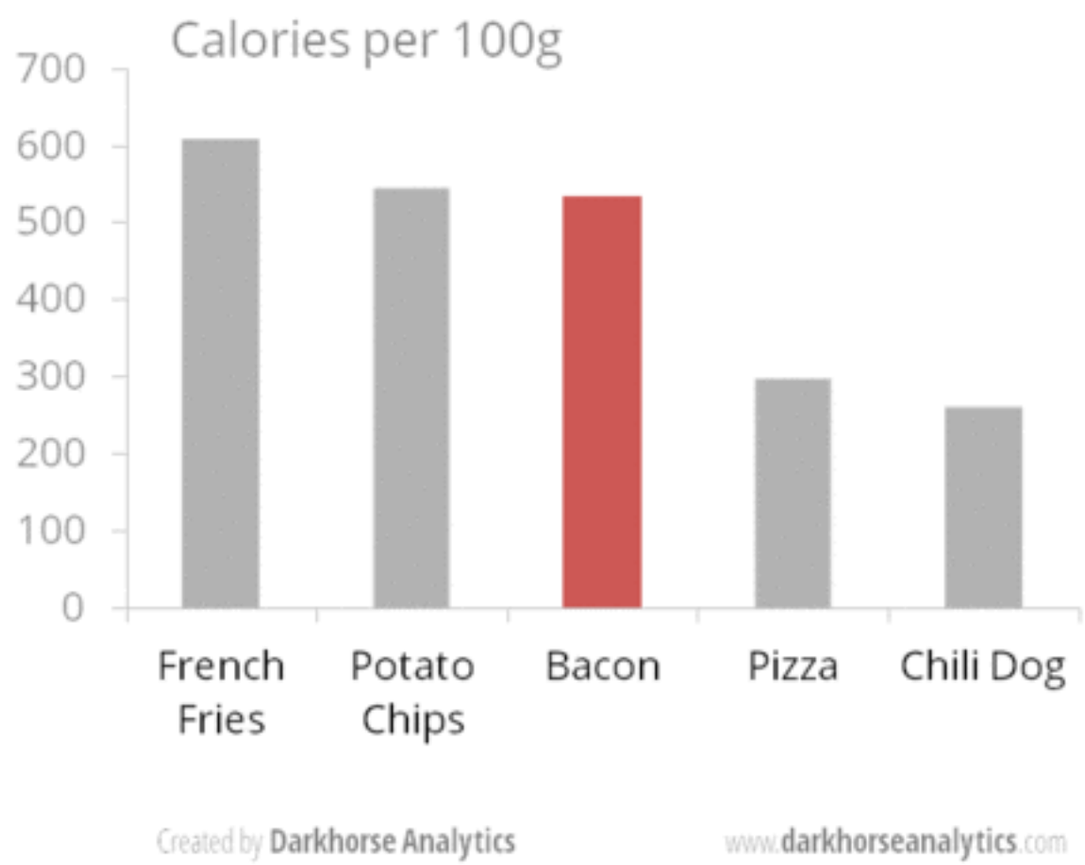

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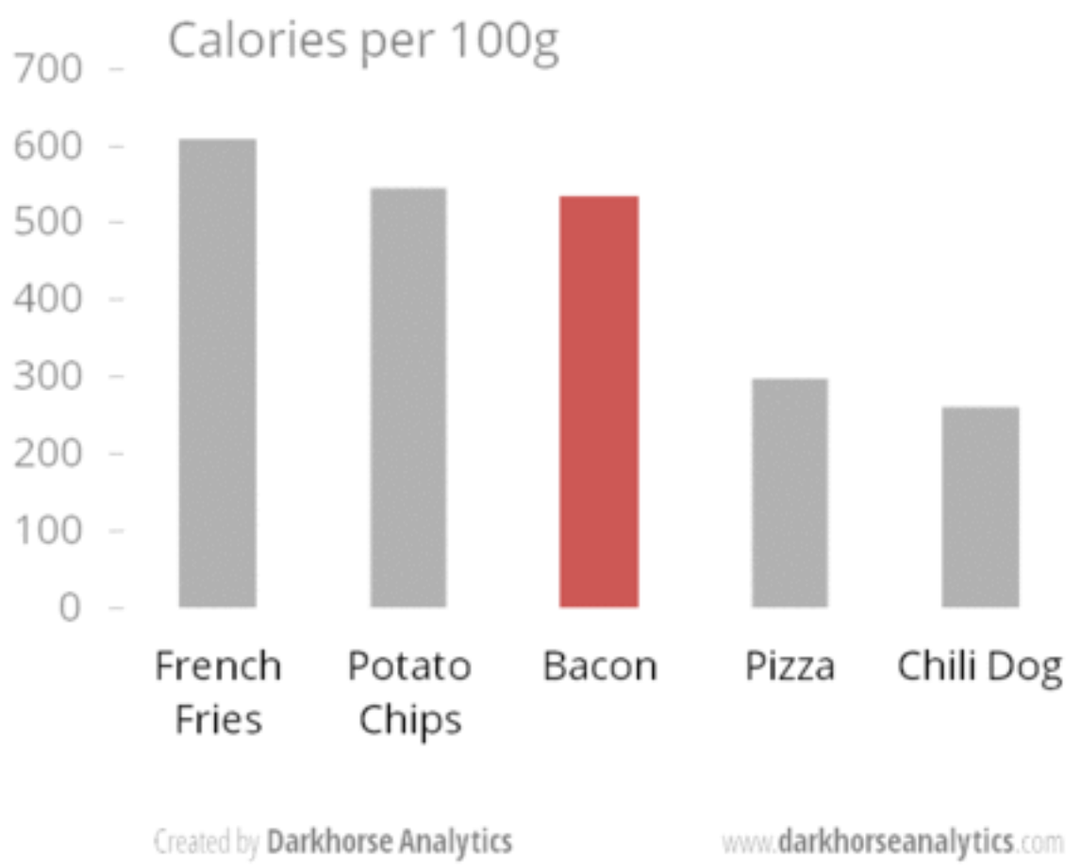
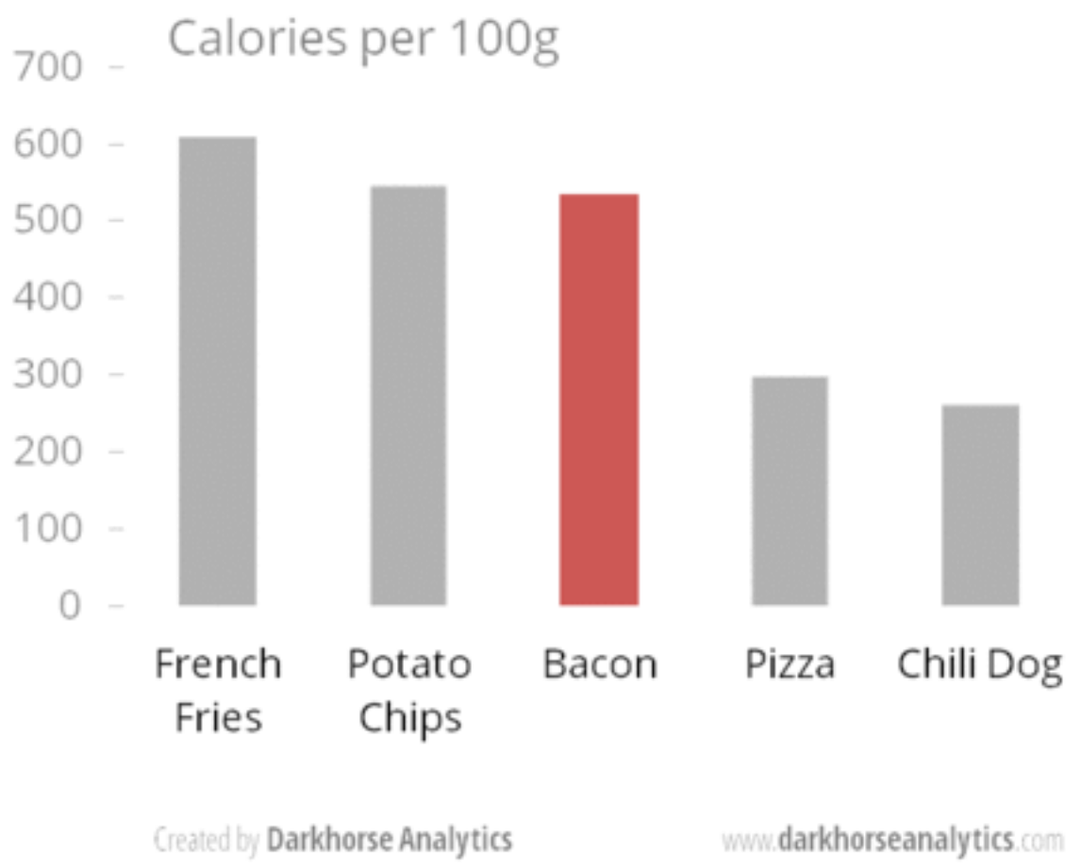


Direct label



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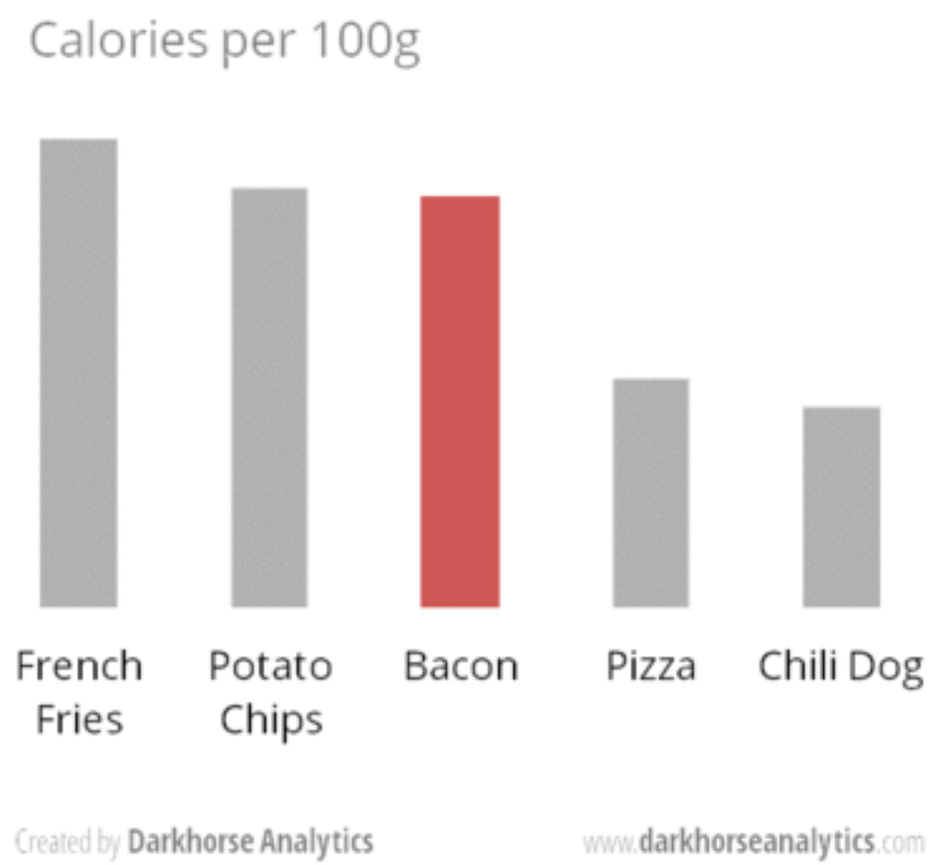

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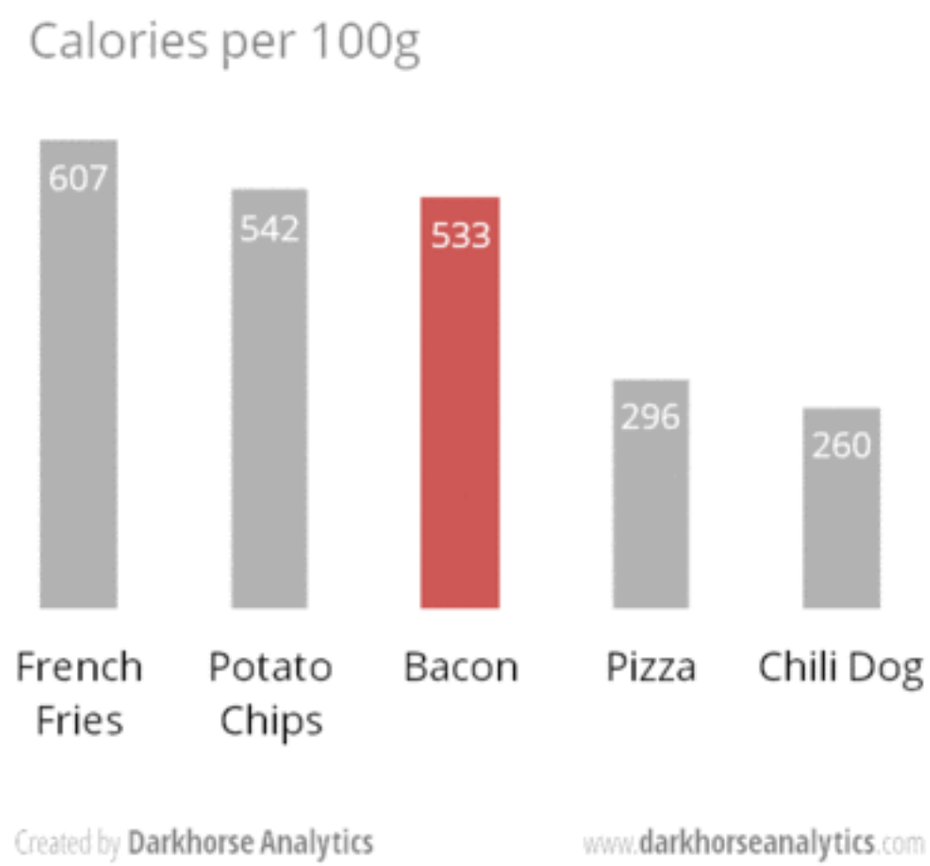
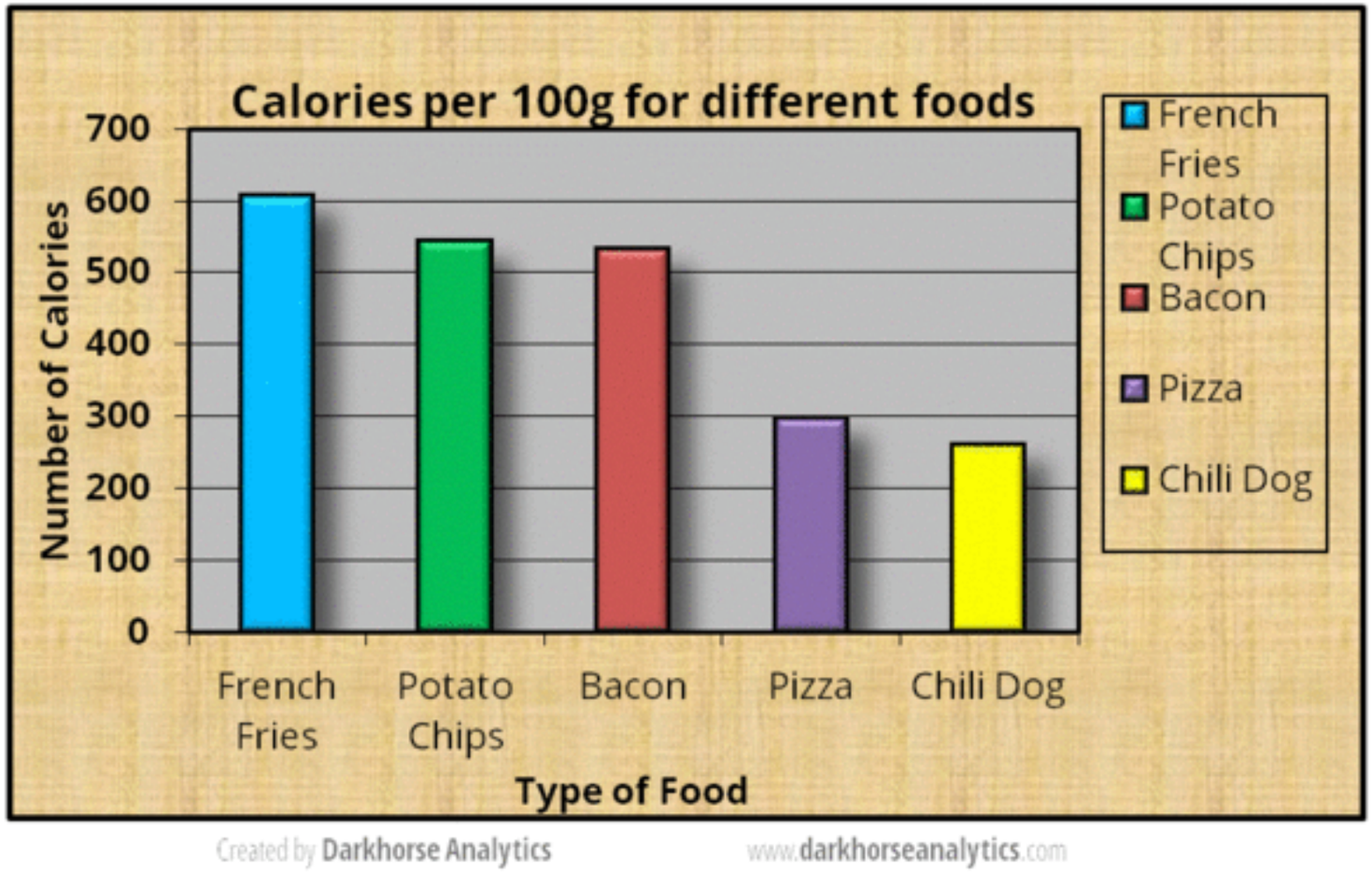
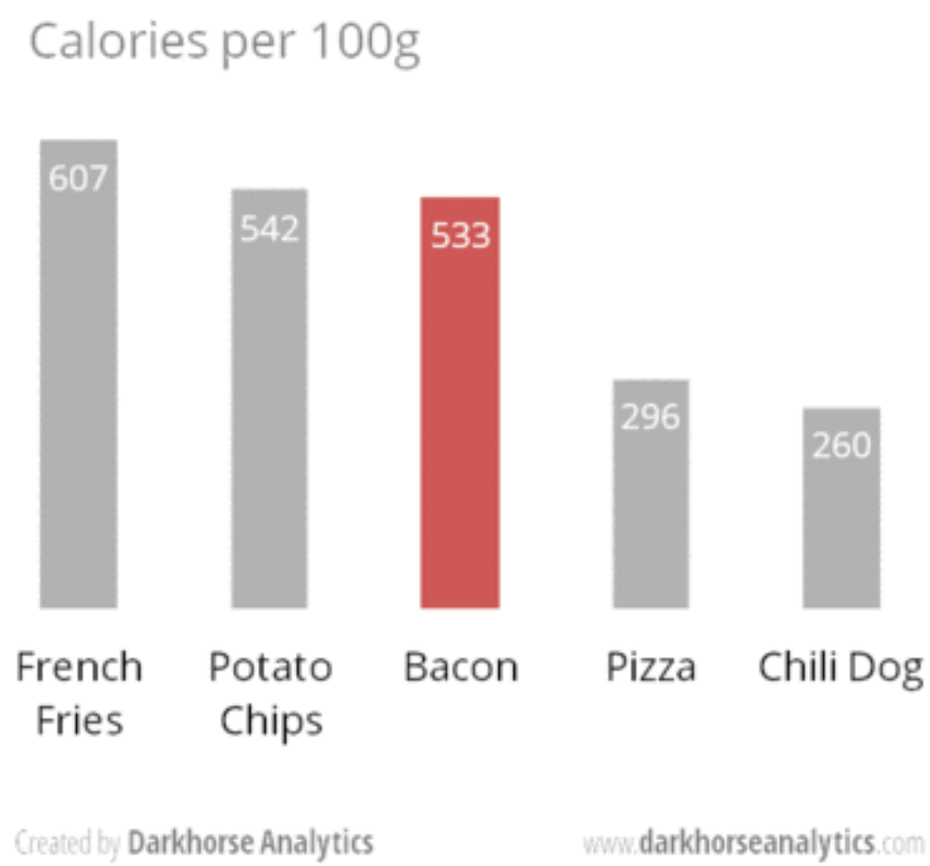


Before


Calories per 100g for different foods
Number of Calories
700
600
500
400
300
200
100
0
French Fries
Potato Chips
Bacon
Pizza
Chili Dog
Type of Food
French Fries
Potato Chips
Bacon
Pizza
Chili Dog
Created by Darkhorse Analytics
www.darkhorseanalytics.com

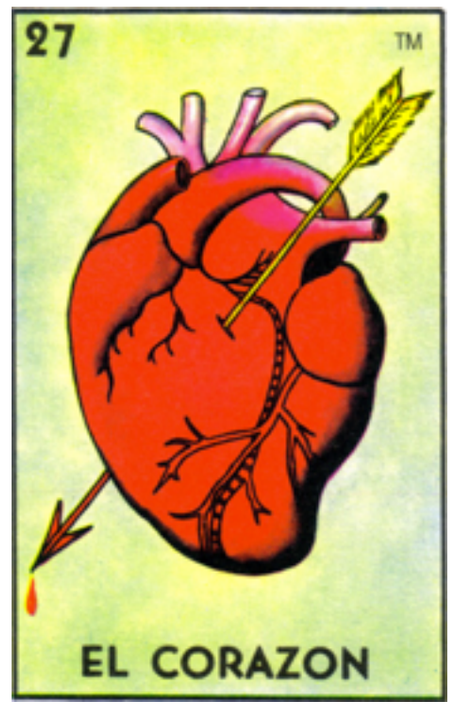
After


Calories per 100g
607
542
533
296
260
French Fries
Potato Chips
Bacon
Pizza
Chili Dog
Created by Darkhorse Analytics
www.darkhorseanalytics.com

emphasis

Source: Slide:ology, Nancy Duarte

what matters?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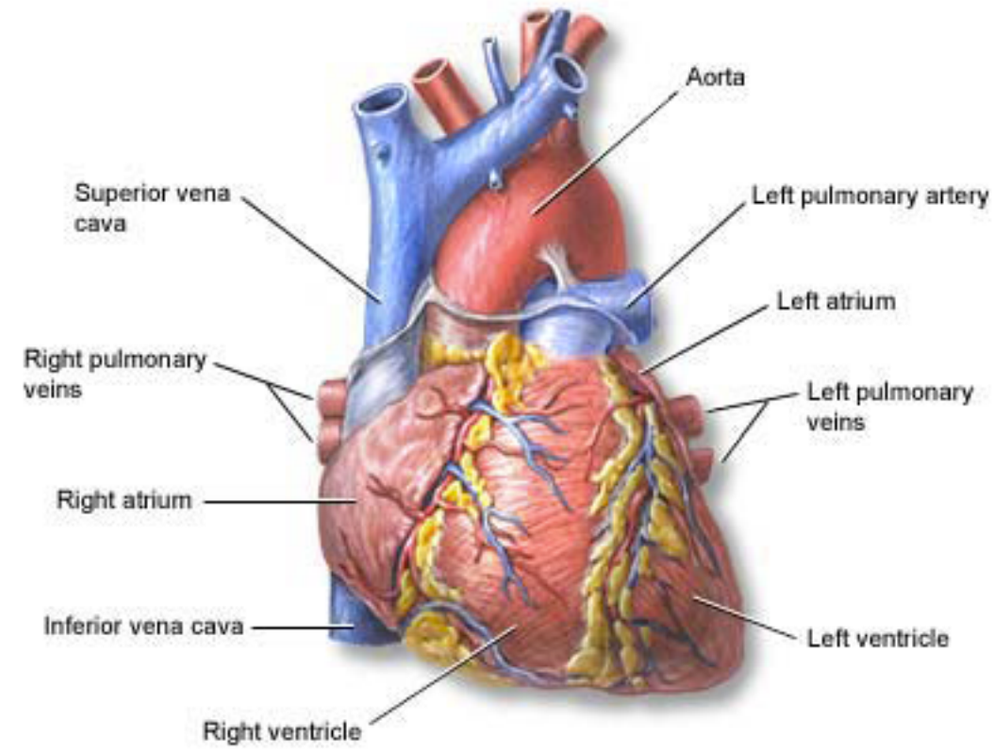
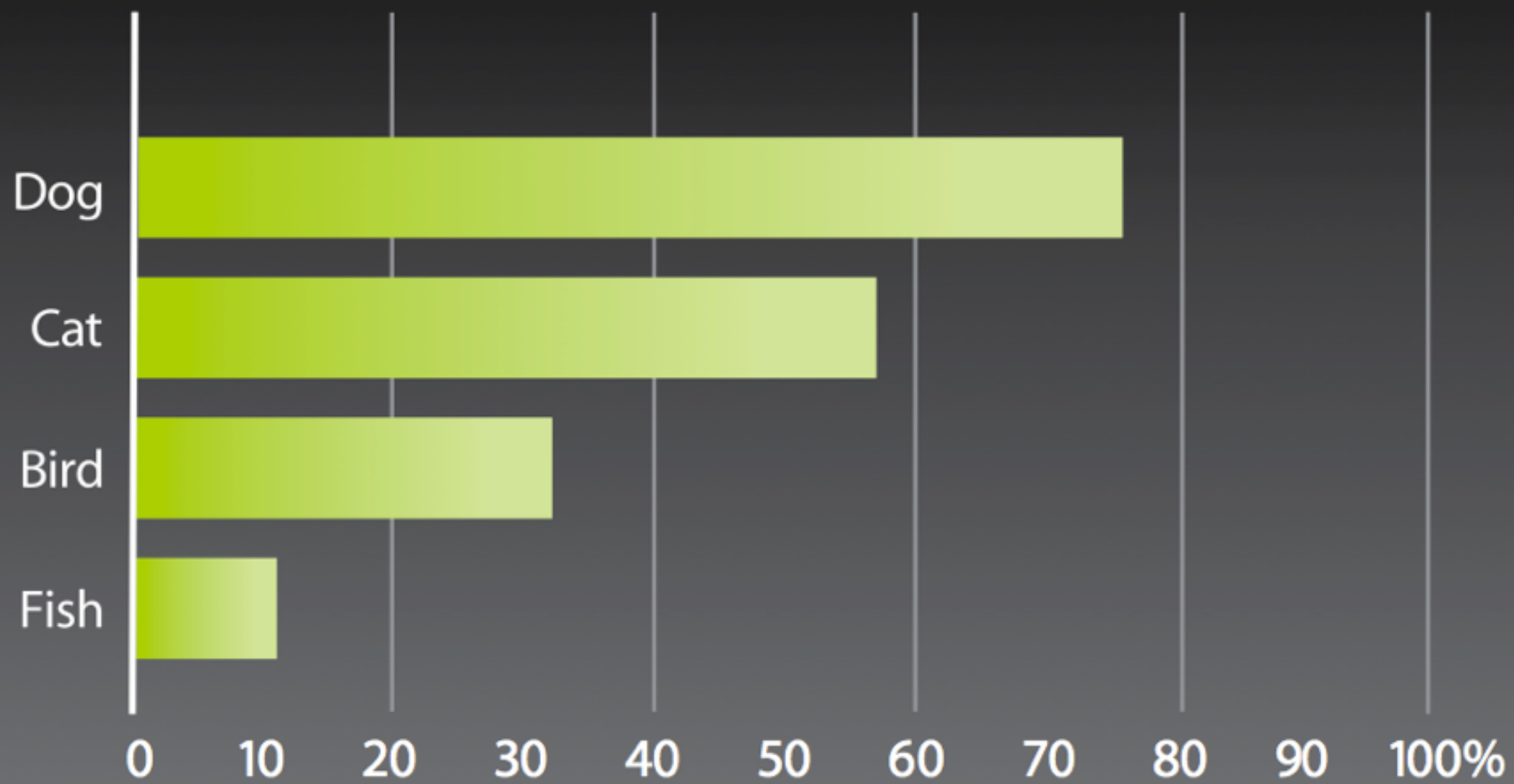

Aorta
Superior vena cava
Left pulmonary artery
Left atrium
Right pulmonary veins
Left pulmonary veins
Right atrium
Inferior vena cava
Left ventricle
Right ventricle

guide

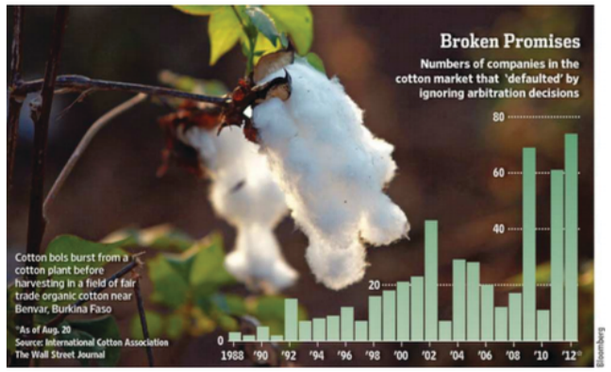
Pet Preferences

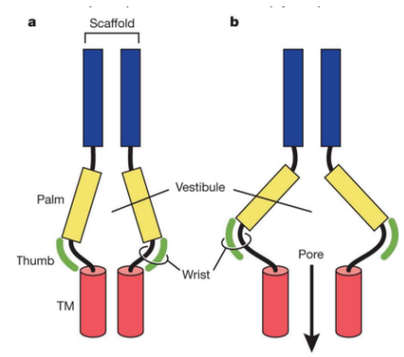


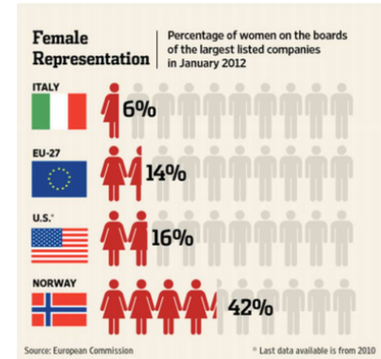
Source: Slide:ology, Nancy Duarte

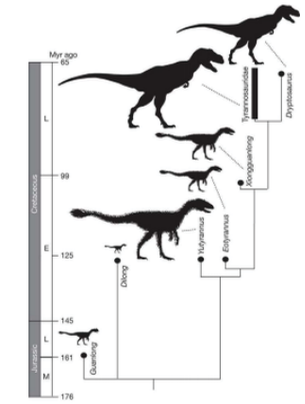
Source: Slide:ology, Nancy Duarte

Memorable









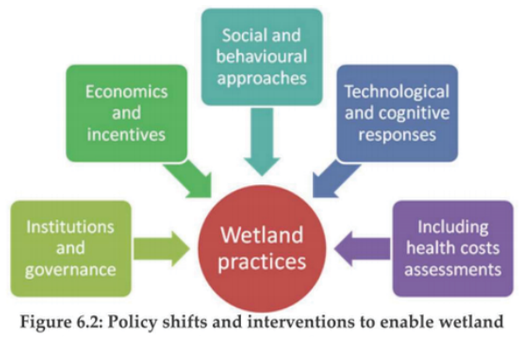
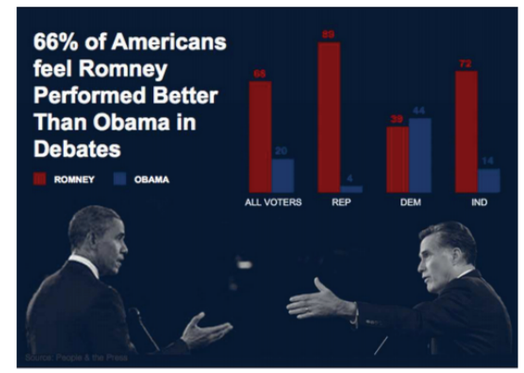
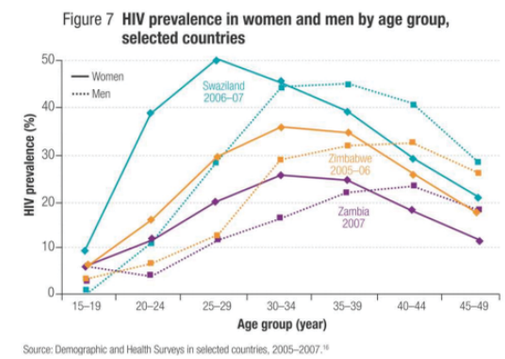


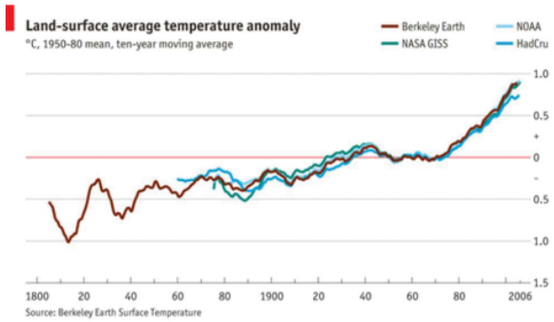
Figure 6.2: Policy shifts and interventions to enable wetland practices to accommodate notions of ecosystem services and human health

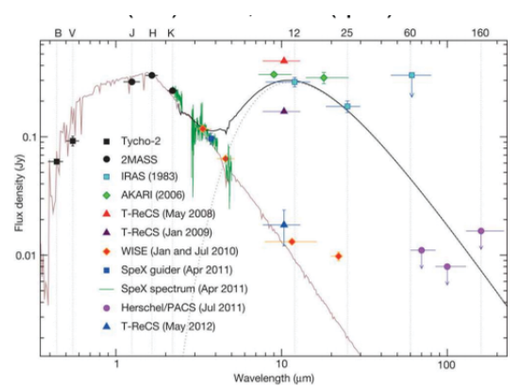


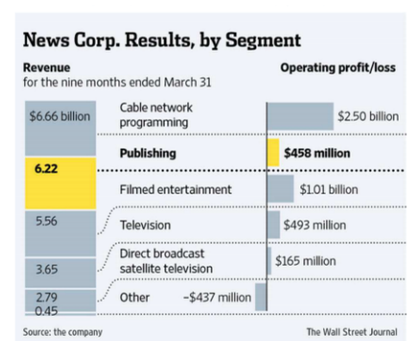


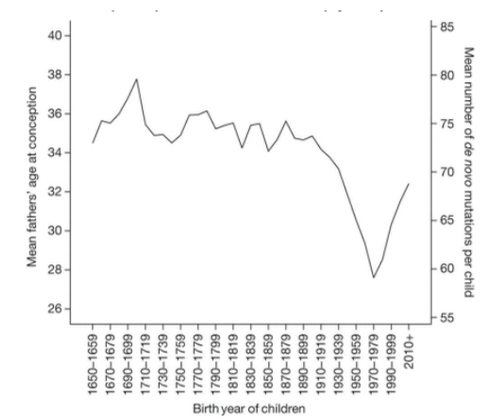
Low Quality Description

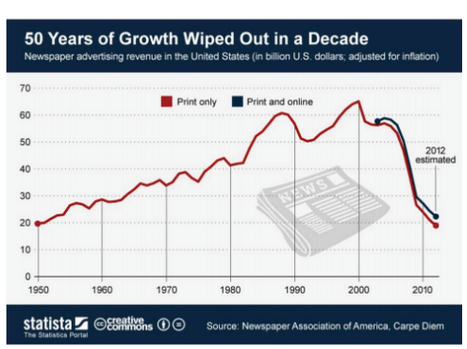
High Quality Description

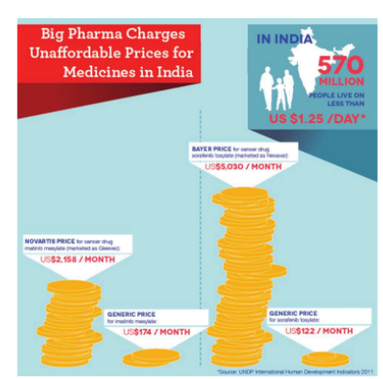


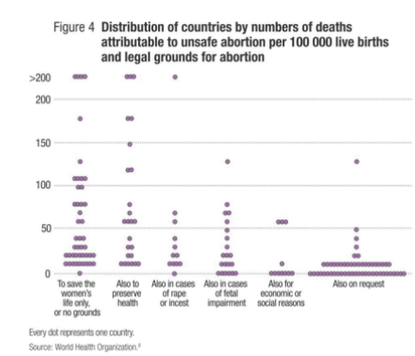












Forgettable

Beyond Memorability: Visualization Recognition and Recall, Michelle A. Borkin et al

visual hierarchy

annotation

tone

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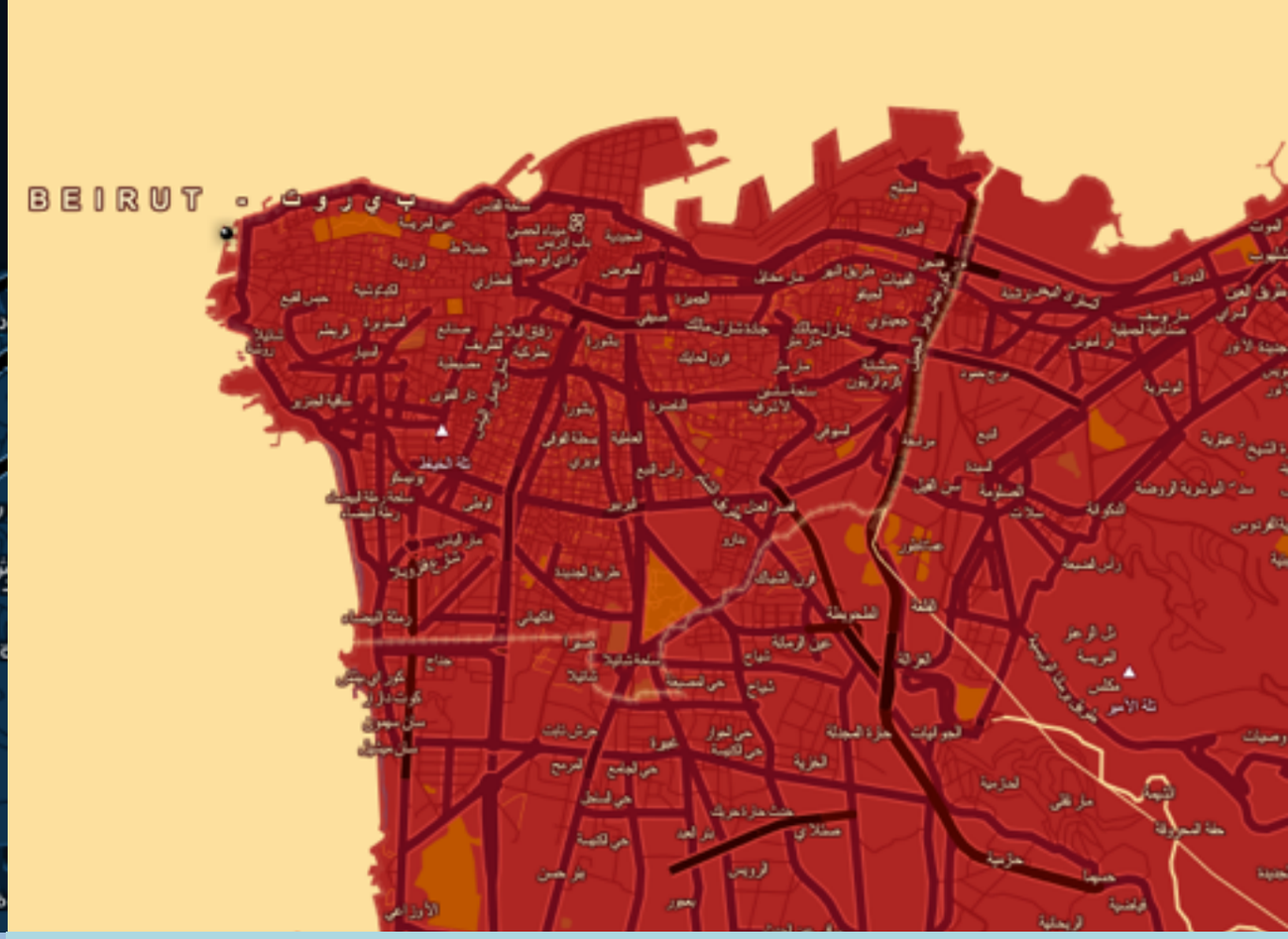
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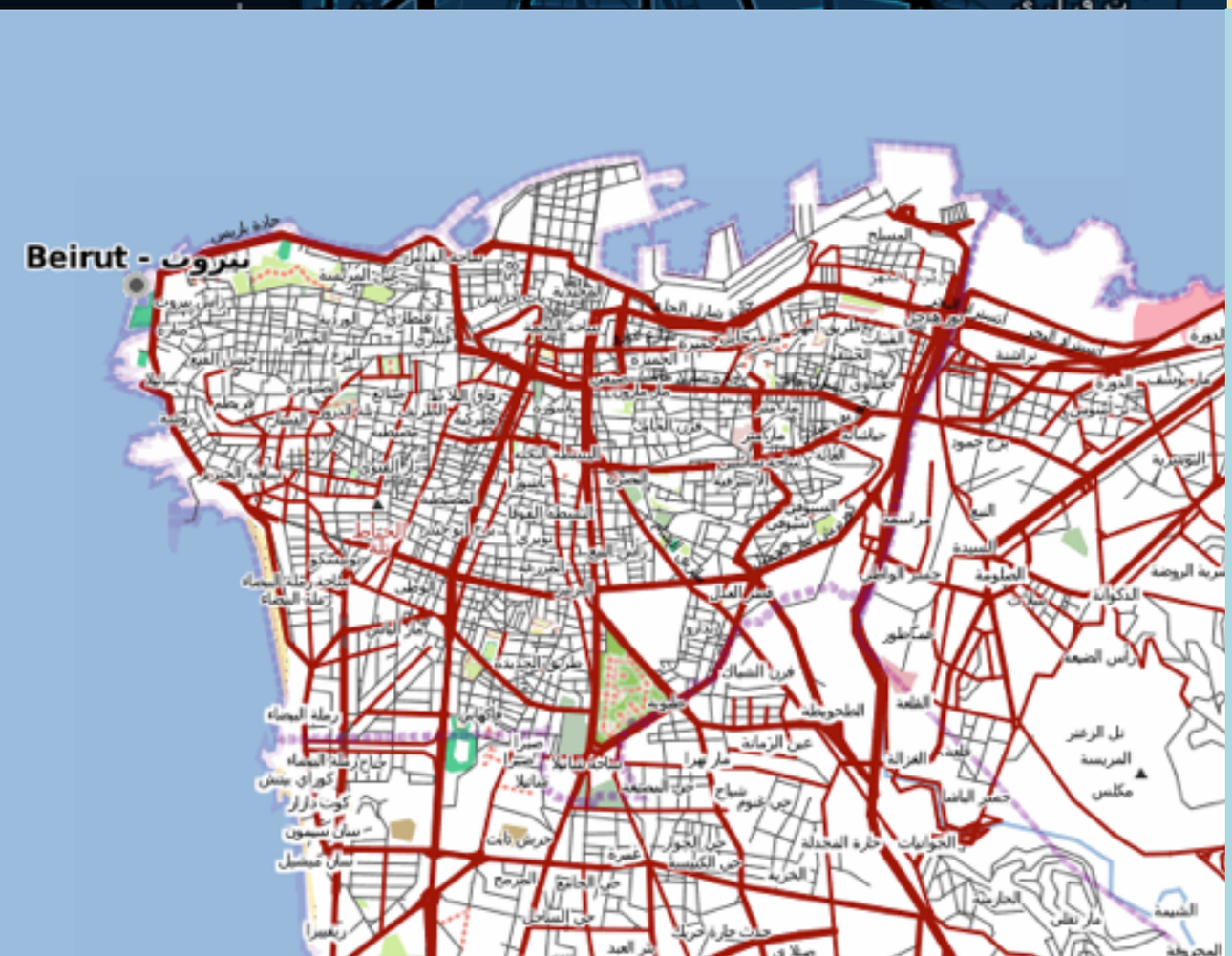
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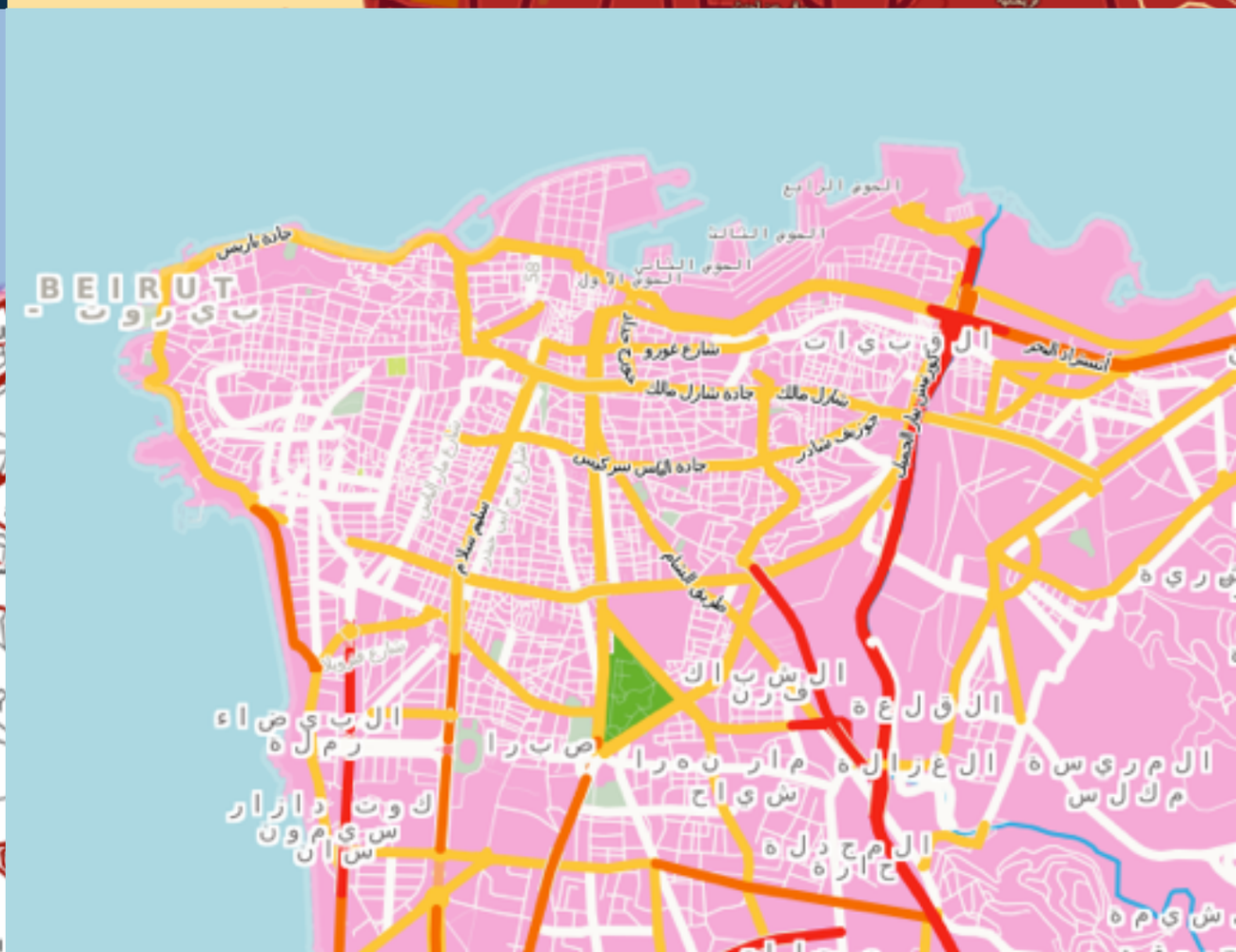
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PUBLISHED: JANUARY 18, 2010

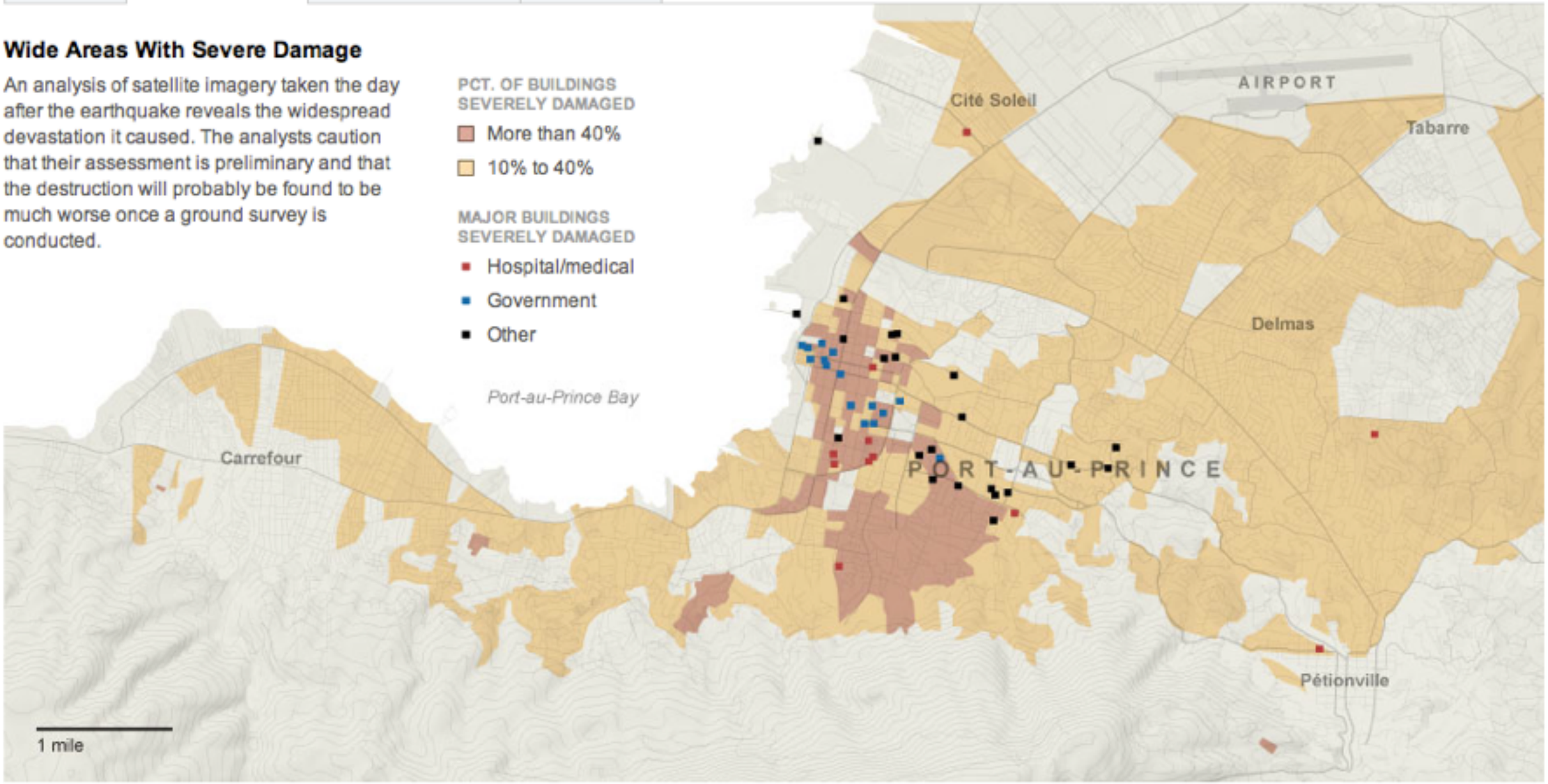
Assessing the Damage in Haiti

Maps showing the extent and magnitude of the destruction caused by the Jan. 12 earthquake that was centered near Port-au-Prince, Haiti. Related Article »

THE SCENE | BUILDING DAMAGE | TEMPORARY SHELTER | ROAD DEBRIS

Wide Areas With Severe Damage

An analysis of satellite imagery taken the day after the earthquake reveals the widespread devastation it caused. The analysts caution that their assessment is preliminary and that the destruction will probably be found to be much worse once a ground survey is conducted.



By The New York Times | Send Feedback

Sources: Major buildings damaged, temporary camps and road debris analysis by Unitar/Unosat; building damage zone analysis by Sertit; plate tectonics from Jian Lin, Woods Hole Oceanographic Institution, and Paul Mann, University of Texas; roads and urbanization from the ReliefWeb, the United Nations Office for the Coordination of Humanitarian Affairs, OpenStreetMap and LeadDog Consulting; satellite image on scene diagram by Geoeye and Digital Globe via Google Earth

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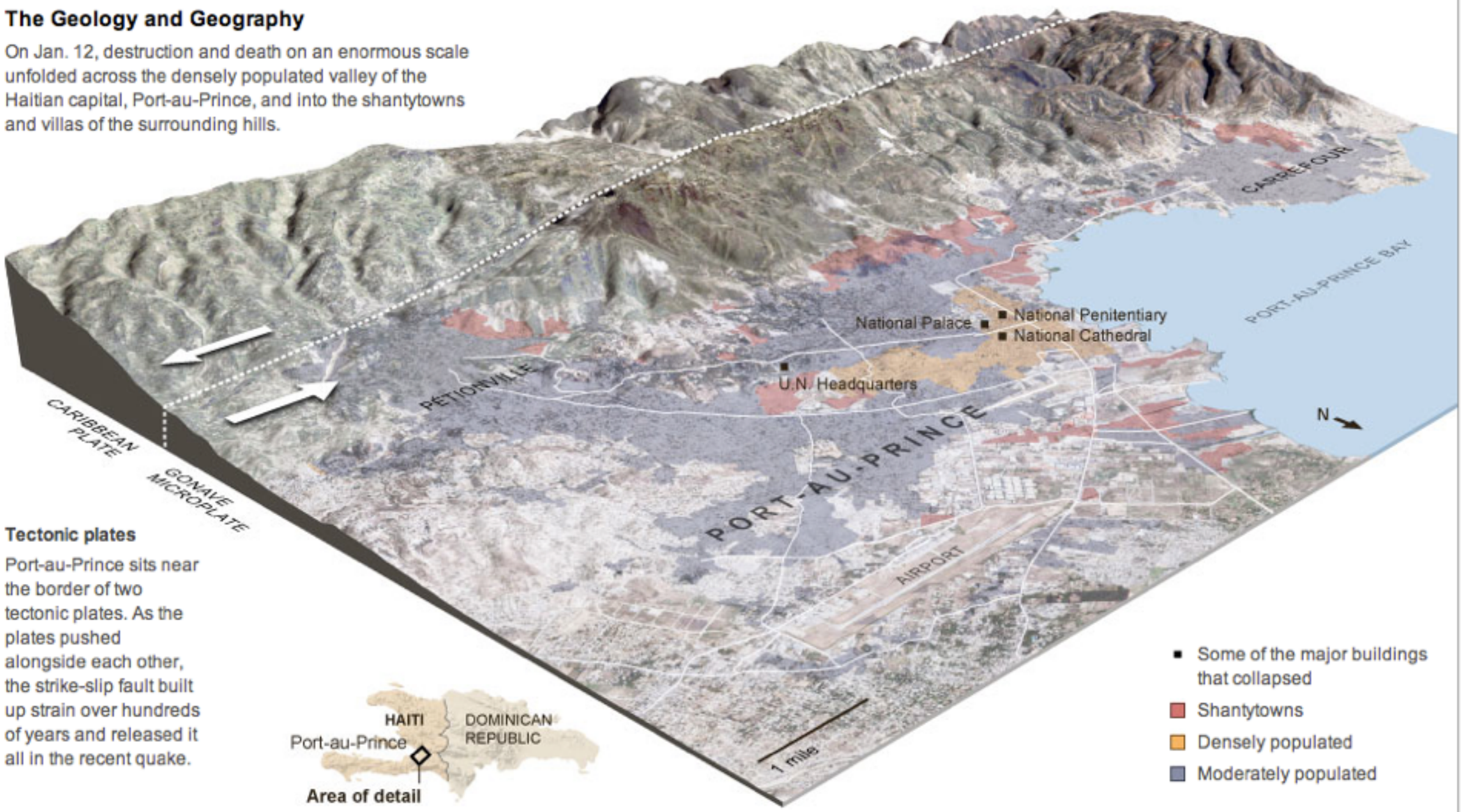
The Geology and Geography

On Jan. 12, destruction and death on an enormous scale unfolded across the densely populated valley of the Haitian capital, Port-au-Prince, and into the shantytowns and villas of the surrounding hills.



Tectonic plates

Port-au-Prince sits near the border of two tectonic plates. As the plates pushed alongside each other, the strike-slip fault built up strain over hundreds of years and released it all in the recent quake.

By The New York Times | Send Feedback

Sources: Major buildings damaged, temporary camps and road debris analysis by Unitar/Unosat; building damage zone analysis by Sertit; plate tectonics from Jian Lin, Woods Hole Oceanographic Institution, and Paul Mann, University of Texas; roads and urbanization from the ReliefWeb, the United Nations Office for the Coordination of

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approach

who?

audience

Who are you targeting?

What do you want them to do?

How will you encourage them?

World's Impoverished Lands, Water

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A CLOSER LOOK

Death by Water

A huge range of diseases and parasites infect people because of contaminated water and food, and poor personal and domestic hygiene. Millions die, most of them children. Here are some of the deadliest water-related disorders.

DISORDER/ ESTIMATED DEATHS PER YEAR	
DIARRHEA 3,100,000	*Diarrhea is itself not a disease but is a symptom of an underlying problem, usually the result of ingesting contaminated food or water. In children, diarrhea can cause severe, and potentially fatal, dehydration.*
SCHISTOSOMIASIS 200,000	*A parasitic disease caused by any of three species of flukes called schistosomes and acquired from bathing in infested lakes and rivers. The infestation causes bleeding, ulceration, and fibrosis (scar tissue formation) in the bladder, intestinal walls and liver.*
TRYPANOSOMIASIS 130,000	*A disease caused by protozoan (single-celled) parasites known as trypanosomes. In Africa, trypanosomes are spread by the tsetse fly and cause sleeping sickness. After infection, the parasite multiplies and spreads to the bloodstream, lymph nodes, heart and, eventually, the brain.*
INTESTINAL HELMINTH INFECTION 100,000	*An infestation by any species of parasitic worm. Worms are acquired by eating contaminated meat, by contact with soil or water containing worm larvae or from soil contaminated by infected feces.*

Sources: World Health Organization; American Medical Association Encyclopedia of Medicine.

ing through supplies. He said the hospital had no electricity, no running water, no food and

hospital in Phnom Penh, the Cambodian capital, noted that dirty water causes diarrheal

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backspace